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Richland Environmental Restoration Project Fiscal Year 2001-2003 Detailed Work Plan

Surveillance/Maintenance and Transition Projects

United States
Department of Energy

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Richland Environmental Restoration Project
Fiscal Year 2001-2003 Detailed Work Plan
Surveillance/Maintenance and Transition Projects

Richland
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Office

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TSD: N/A
ERA: N/A

CONCURRENCE PAGE

Title: RICHLAND ENVIRONMENTAL RESTORATION PROJECT FISCAL YEAR 2001-2003 DETAILED WORK PLAN - SURVEILLANCE/MAINTENANCE AND TRANSITION PROJECT

9/13/2000

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DESCRIPTION

OBJECTIVE

The Hanford Site contains many surplus facilities remaining from past plutonium production activities that were required by the Department of Defense from World War II through the Cold War. These surplus facilities are now aged and deteriorating. Because these facilities no longer have a production mission, they must be either maintained (to preserve the building integrity) or removed to (1) preclude the escape of potentially hazardous substances into the accessible environment, or (2) prevent unacceptable industrial safety risks.

The purpose of the Surveillance and Maintenance (S&M) function is to ensure adequate containment of contamination; provide physical safety and security controls; maintain the inactive facilities in a manner that will minimize potential hazards to the public and workers; maintain systems/equipment that will be essential for S&M activities in a safe shutdown mode; and ensure compliance with applicable environmental, safety, health, and safeguards/security requirements.

The S&M organization is composed of the following five major areas:

Radiation Area Remedial Action (RARA)

- Interim Stabilization
- Herbicide Applications.

100 Area Inactive Facility Surveillance and Maintenance (IFS&M)

- 100 Area S&M
- 100 Area Risk Assessment
- B Reactor
- 100 N Area S&M.

200 Area IFS&M

- 200 Area S&M
- Facility Transition
- 200 Area Canyon Disposition Initiative (CDI)
- 200 Area Risk Assessment
- Nuclear Facility Support
- Risk Reduction Planning
- Plutonium/Uranium Extraction (PUREX) Facility S&M
- B Plant S&M.

300 Area IFS&M

- 300 Area S&M.

Long-Term Surveillance and Maintenance (L/T S&M)

- 100 Area L/T S&M
- 300 Area L/T S&M
- 1100 Area L/T S&M.

TECHNICAL CONTENT

RARA

RARA involves the management of inactive waste sites in order to minimize any spread of surface soil contamination and to maintain compliance with regulatory requirements. Work is coordinated to support the overall goals of characterization and cleanup of the Hanford Site.

100 Area S&M

100 Area S&M: Includes implementation of routine S&M of reactor and ancillary facilities in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards by maintaining surplus, inactive facilities until final disposition.

100 Area Risk Assessment: Includes corrective maintenance actions (over and above the routine S&M actions) needed to maintain surplus facilities in a safe condition until final disposition.

B Reactor: Includes preparation of an engineering evaluation/cost analysis (EE/CA) and action memorandum with public involvement, public tours, development of a Long-Range Plan (LRP), and hazards mitigation actions before and after EE/CA alternative determination.

100 N Area S&M: Includes implementation of routine S&M (on an as-needed basis) of the N Reactor Area to ensure that hazardous materials are maintained at prescribed safe levels until the N Reactor complex is ready for final disposition.

200 Area S&M

200 Area S&M: Includes routine S&M of the inactive processing (canyon) and support facilities in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards by maintaining surplus, inactive facilities until final disposition.

Facility Transition: Includes endpoint criteria (EPC) development for the transition of facilities to long-term S&M. EPC are developed through a graded approach and are dependent on facility size, complexity, condition, and hazards that are present.

200 Area CDI: The main objective of the 200 Area CDI is to reach a record of decision (ROD) on the final disposition of the five chemical processing facilities (canyons) at the Hanford Site. The U Plant Canyon facility is being studied as a pilot for all the canyon facilities.

200 Area Risk Assessment: Includes corrective maintenance actions (over and above the routine S&M actions) needed to maintain surplus facilities in a safe condition until final disposition.

Nuclear Facilities Support: Includes activities that support facilities with a nuclear classification in an inactive facility mode.

Risk Reduction Planning: Includes planning actions to mitigate risks associated with long-term S&M. This activity identifies and reduces chemical hazards identified through the Chemical Hazards Analysis Program.

PUREX S&M: Includes S&M of the PUREX Facility complex in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards until the PUREX Canyon and ancillary facilities can be fully decommissioned.

B Plant S&M: Includes S&M of the B Plant facility complex in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards until the B Plant Canyon and ancillary facilities can be fully decommissioned.

300 Area S&M

Includes S&M of the 308 and 308-A facilities in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards until final deposition.

L/T S&M

L/T S&M includes post-remediation S&M following completion of requisite remedial actions as mandated by the *Comprehensive Environmental Response, Compensation, and Liability Act* (CERCLA), the *Resource Conservation and Recovery Act* (RCRA), and the *National Environmental Policy Act of 1969* (NEPA) law.

AREA WORK STATEMENT

FY01 Planned Work

Major FY01 work activities include interim stabilization of the 216-B-64 and 216-A-42 Retention Basins; herbicide application; preparation of the annual RARA report for FY00; S&M of the Environmental Restoration Contractor (ERC) facilities located in the 100, 200 (includes PUREX and B Plant), and 300 Areas; B Reactor duct work sealing; 212-R/212-N roof repair; structural inspection of the 190-KW expansion joint; near-field monitoring at 100 N Area; limited facility transition support to EPC development; preparation of the Phase III feasibility study and proposed draft plan for CDI; 100/200 Area asbestos abatement; preparation of an engineering evaluation for hexone stabilization options; updates to nuclear safety documentation; development of an Inactive Miscellaneous Underground Storage Tank (IMUST) interim storage strategy; and long-term S&M.

Refer to the individual ER05 scoping statements for planned work scope detail.

FY02 Planned Work

Major FY02 work activities include continuation of interim stabilization of contaminated soil sites; herbicide application; ongoing S&M of the 100, 200, and 300 Areas; continuation of hazards mitigation at the B Reactor; facility transition support; engineering support for a CDI ROD; completion of hexone tank final remediation; updates to various ERC nuclear documentation; and continuation of long-term S&M.

FY03 Planned Work

Major FY03 work activities include RARA; S&M of the 100, 200, 300 Areas; long-term S&M; B Reactor support; facility transition support; and nuclear safety documentation updates.

PROJECT ASSUMPTIONS

General

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the Environmental Restoration (ER) Baseline update. Guidance will not be available until September FY00. Upon receipt, a Baseline Change Proposal (BCP), as appropriate, will be initiated and approved prior to commencing work activities.

- It is assumed that air sampling and Soil Contamination Area (SCA) program changes will have insignificant effects on project costs.

- Implementation of all changes due to the revisions to 10 *Code of Federal Regulations* (CFR) 835 will be completed in FY00, and there will be no significant cost impacts in FY01.

- 15 compliance determination reports (CDRs) and 5 *Price-Anderson Amendments Act* (PAAA) issue investigations/critiques will be required.

- It is assumed that there will be no changes to the RadCon program, or to RadCon drivers/ regulations, that significantly affect project costs.

RARA

- Interim stabilization of two contamination areas (CAs) will be completed in FY01.

- No new waste sites will be assigned to the ERC in FY01.

- Onsite borrow pits will provide requisite clean fill for CA interim stabilization.

- Notices of construction will not be required for CA stabilization.

- Herbicide materials will be purchased by the ERC, with storage and application to be subcontracted. Personnel and equipment requirements will be provided by Fluor Hanford (FH).

100 Area S&M

100 Area S&M, Risk Assessment, B Reactor and N Reactor Area S&M:

- 100 Area facility S&M will be performed at the C (outside only), H, KE/KW, N, and B Reactors. The C Reactor facility interior will be surveilled starting in FY03 and every 5 years thereafter.
- Facility S&M of the F, D, and DR Reactors, if required, will be performed by the Interim Safe Storage (ISS) Project.
- No major repairs are identified for any of the reactor areas.
- Categorization of S&M facilities will not change in FY01.
- In parallel with S&M, required risk assessment/corrective maintenance actions will be performed on reactor facilities located in the 100 Area.
- Funding to cover any modifications to the 100 Area reactors (Russian/U.S. Treaty Monitoring) is not included.
- For B Reactor exterior duct sealing, assume State Historic Preservation Office (SHPO) and B Museum approval by January 1, 2001.
- The B Reactor EE/CA will be submitted to the U.S. Department of Energy (DOE), Richland Operations Office (RL)/regulators in FY01.

200 Area S&M

200 Area S&M, Risk Assessment/PUREX/B Plant:

- 200 Area facility S&M will be performed at REDOX (excluding 233-S Plutonium Concentration Facility funded by the 233-S Project), U Plant/UO3, 224-B, PUREX (excluding tunnel and railroad cut stabilization), B Plant, and 212 N, P, R, and CX tanks.
- No new facilities will be transitioned to and/or from the ERC in FY01.
- In parallel with S&M, requisite risk assessment/corrective maintenance actions will be performed.
- Funds to repair the PUREX and B Plant Canyon roofs will be incremental and, as such, are in addition to the project budget.

Facility Transition: Support development and verification of EPC for various facilities located in the 100, 200, and 300 Areas.

CDI:

- The U Plant crane will not require major repairs (greater than $10K or 3 days).
- Tank 5-6 will be characterized during FY01 and incorporated into the feasibility study.
- Only Cell 31 in U Plant will be re-opened for sampling.
- Aspects of the performance assessment (PA) will be part of the risk assessment, and a crosswalk will be submitted to DOE-Headquarters (HQ) for approval.

Nuclear Facility Support/Risk Reduction Planning:

- Final B Plant safety analysis report (SAR) implementation will be performed within 120 days of Bechtel Hanford, Inc. (BHI) acceptance of ventilation repairs on August 9, 2000.
- Annual SAR updates are planned for REDOX, U Plant, 224-B, B Plant, and 200-N.

300 Area IFS&M

- 300 Area Facility S&M will be performed at the 308 and 308-A facilities in the 300 Area.
- No major asbestos abatement or major repairs are identified within the 3-year Detailed Work Plan (DWP) window.
- No new 300 Area facilities will be transitioned to the ERC in FY01.
- A beryllium survey will not be required.

L/T S&M

- Long-term post-remediation surveillance and monitoring will continue.
- Specific S&M requirements will be determined at time of facility closure, final closure, final environmental remediation, and/or decommissioning.
- Groundwater monitoring will continue to be performed by the Groundwater/Vadose Zone (GW/VZ) Integration Project until documented turnover to the Surveillance/Maintenance and Transition (SM&T) Project.

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ERC Project Manager:	J.J. McGuire
DOE Project Manager:	J. P Sands

ACTION PLAN

FY01

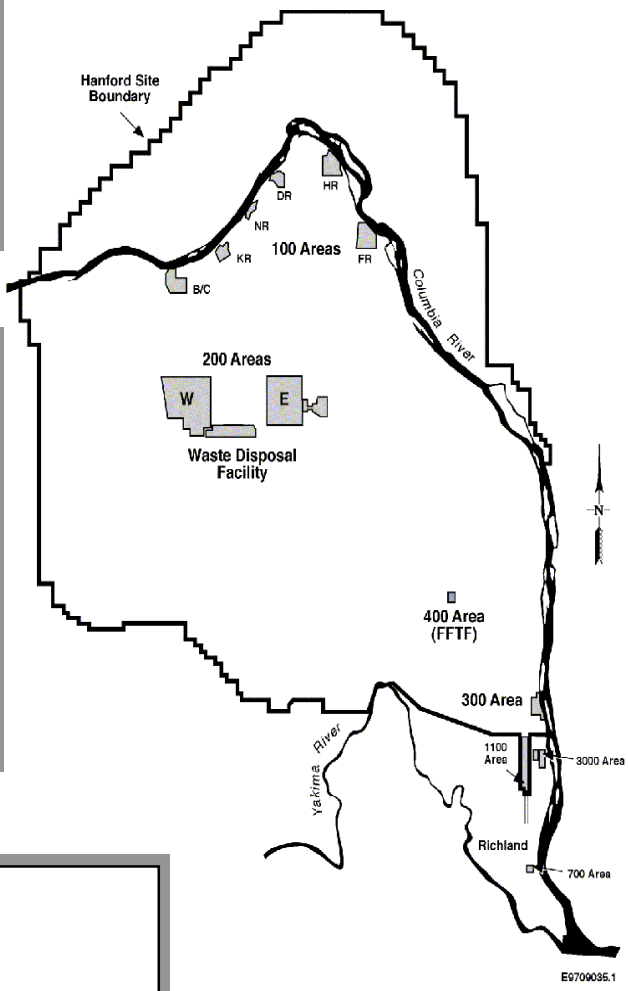
- Continue RARA surveillance, monitoring, and herbicide application activities
- Complete interim stabilization of two CAs
- Continue S&M of 100, 200, 300 Areas (S&M of F, D, and DR Reactors to be performed by ISS)
- Seal exterior ductwork at the B Reactor
- Submit the B Reactor EE/CA to RL/ regulators in FY01
- Initiate hazards mitigation at B Reactor
- Continue to support EPC for facilities located in the 100, 200, and 300 Areas. (No new facilities will be transferred to and/or from the ERC)
- Prepare a feasibility study and proposed plan for CDI
- Initiate hexone tanks interim stabilization action
- Complete planned updates to SARs and auditable safety analyses (ASAs)
- Develop an IMUST interim storage strategy
- Submit 5-year plan for North Slope
- Continue long-term post-remediation surveillance and monitoring.
- Perform asbestos abatement in the 100 and 200 Areas.

FY02

- Continue RARA surveillance, monitoring, and herbicide application activities
- Complete interim stabilization of two CAs
- Begin revegetation in H and D remediation areas
- Continue S&M of 100, 200, and 300 Area inactive facilities
- Continue mitigation of hazards at the B Reactor
- Complete hexone tanks interim stabilization action
- Submit a ROD for CDI preferred alternative to RL/regulators
- Complete planned updates to SARs and ASAs
- Continue long-term post-remediation surveillance and monitoring.

FY03

- Complete interim stabilization of three CAs
- Continue RARA activities
- Continue S&M of 100, 200, and 300 Area inactive facilities
- Continue mitigation of hazards at the B Reactor
- Complete planned updates to SARs and ASAs
- Continue long-term post-remediation surveillance and monitoring.



WORK BREAKDOWN STRUCTURE CHART

1.4.10.1 Richland Environmental Restoration Project

1.4.10.1.2 Decontamination and Decommissioning

1.4.10.1.2.05 ER05 Environmental Restoration Surveillance and Maintenance

1.4.10.1.2.05.01 Surveillance and Maintenance

1.4.10.1.2.05.01.01 PJ RARA
1.4.10.1.2.05.01.01.01 PJ1 RARA Common
1.4.10.1.2.05.01.01.01.34 PJ14 RARA Common Interim Remedial Action
1.4.10.1.2.05.01.01.01.34.01 PJ1401 RARA Interim Stabilization
1.4.10.1.2.05.01.01.01.34.02 PJ1402 S&M/Herbicide Application

1.4.10.1.2.05.01.02 UB 100 Area Inactive Facility S&M
1.4.10.1.2.05.01.02.01 UB1 100 Area S&M
1.4.10.1.2.05.01.02.01.41 UB11 100 Area S&M Assessment
1.4.10.1.2.05.01.02.01.41.01 UB1101 100 Area S&M
1.4.10.1.2.05.01.02.01.41.02 UB1102 100 Area Risk Assessment
1.4.10.1.2.05.01.02.01.41.07 UB1107 B Reactor Museum
1.4.10.1.2.05.01.02.01.41.26 UB1126 100-N Area S&M

1.4.10.1.2.05.01.03 UE 200 Area Inactive Facility S&M
1.4.10.1.2.05.01.03.01 UE1 200 Area S&M
1.4.10.1.2.05.01.03.01.41 UE11 200 Area S&M Assessment
1.4.10.1.2.05.01.03.01.41.01 UE1101 200 Area S&M
1.4.10.1.2.05.01.03.01.41.02 UE1102 Facility Transition
1.4.10.1.2.05.01.03.01.41.03 UE1103 200 Area Canyon Disposition Initiative
1.4.10.1.2.05.01.03.01.41.05 UE1105 200 Area Risk Assessment
1.4.10.1.2.05.01.03.01.41.06 UE1106 Nuclear Facility Support
1.4.10.1.2.05.01.03.01.41.08 UE1108 Risk Reduction Planning
1.4.10.1.2.05.01.03.02 UE2 PUREX S&M
1.4.10.1.2.05.01.03.02.41 UE21 PUREX S&M Assessment
1.4.10.1.2.05.01.03.02.41.01 UE2101 PUREX S&M
1.4.10.1.2.05.01.03.05 UE5 B PLANT S&M
1.4.10.1.2.05.01.03.05.41 UE51 B PLANT S&M Assessment
1.4.10.1.2.05.01.03.05.41.01 UE5101 B PLANT S&M

1.4.10.1.2.05.01.04 UC 300 Area Inactive Facility S&M
1.4.10.1.2.05.01.04.01 UC1 300 Area S&M
1.4.10.1.2.05.01.04.01.41 UC11 300 Area S&M Assessment
1.4.10.1.2.05.01.04.01.41.01 UC1101 300 Area S&M

1.4.10.1.4 Long-Term Surveillance and Maintenance

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1.4.10.1.4.07.01 Post Remediation Surveillance and Maintenance

1.4.10.1.4.07.01.01 SM Post Surveillance and Maintenance
1.4.10.1.4.07.01.01.01 SM1 100 Area S&M
1.4.10.1.4.07.01.01.01.45 SM15 100 Area S&M Landlord
1.4.10.1.4.07.01.01.01.45.01 SM1501 100 Area Long Term S&M
1.4.10.1.4.07.01.01.02 SM2 200 Area S&M
1.4.10.1.4.07.01.01.02.45 SM25 200 Area S&M Landlord
1.4.10.1.4.07.01.01.02.45.01 SM2501 200 Area Long Term S&M
1.4.10.1.4.07.01.01.03 SM3 300 Area S&M
1.4.10.1.4.07.01.01.03.45 SM35 300 Area S&M Landlord
1.4.10.1.4.07.01.01.03.45.01 SM3501 300 Area Long Term S&M
1.4.10.1.4.07.01.01.05 SM5 400/600/1100 Area S&M
1.4.10.1.4.07.01.01.05.45 SM55 400/600/1100 Area S&M Landlord
1.4.10.1.4.07.01.01.05.45.01 SM5501 400/600/1100 Area Long Term S&M

WORK BREAKDOWN STRUCTURE INDEX

PBS	Indenture Level							Title	HQ/ERC WBS #	B&R #
	5	6	7	8	9	10	11			
	X							Decontamination and Decommissioning	1.4.10.1.2	
RL-ER05		X						Environmental Restoration Surveillance and Maintenance	1.4.10.1.2.05	EW02J1050
RL-ER05			X					Surveillance and Maintenance	1.4.10.1.2.05.01	EW02J1050
RL-ER05				X				RARA	1.4.10.1.2.05.01.01	EW02J1050
RL-ER05					X			RARA Common	1.4.10.1.2.05.01.01.01	EW02J1050
RL-ER05						X		RARA Common Interim Remedial Action	1.4.10.1.2.05.01.01.01.34	EW02J1050
RL-ER05							X	RARA Interim Stabilization	1.4.10.1.2.05.01.01.01.34.01	EW02J1050
RL-ER05							X	S&M/Herbicide Application	1.4.10.1.2.05.01.01.01.34.02	EW02J1050
RL-ER05				X				100 Area Inactive Facility S&M	1.4.10.1.2.05.01.02	EW02J1050
RL-ER05					X			100 Area S&M	1.4.10.1.2.05.01.02.01	EW02J1050
RL-ER05						X		100 Area S&M Assessment	1.4.10.1.2.05.01.02.01.41	EW02J1050
RL-ER05							X	100 Area S&M	1.4.10.1.2.05.01.02.01.41.01	EW02J1050
RL-ER05							X	100 Area Risk Assessment	1.4.10.1.2.05.01.02.01.41.02	EW02J1050
RL-ER05							X	B Reactor Museum	1.4.10.1.2.05.01.02.01.41.07	EW02J1050
RL-ER05							X	100-N Area S&M	1.4.10.1.2.05.01.02.01.41.26	EW02J1050
RL-ER05				X				200 Area Inactive Facility S&M	1.4.10.1.2.05.01.03	EW02J1050
RL-ER05					X			200 Area S&M	1.4.10.1.2.05.01.03.01	EW02J1050
RL-ER05						X		200 Area S&M Assessment	1.4.10.1.2.05.01.03.01.41	EW02J1050
RL-ER05							X	200 Area S&M	1.4.10.1.2.05.01.03.01.41.01	EW02J1050
RL-ER05							X	Facility Transition	1.4.10.1.2.05.01.03.01.41.02	EW02J1050
RL-ER05							X	200 Area Canyon Disposition Initiative	1.4.10.1.2.05.01.03.01.41.03	EW02J1050
RL-ER05							X	200 Area Risk Assessment	1.4.10.1.2.05.01.03.01.41.05	EW02J1050
RL-ER05							X	Nuclear Facility Support	1.4.10.1.2.05.01.03.01.41.06	EW02J1050
RL-ER05							X	Risk Reduction Planning	1.4.10.1.2.05.01.03.01.41.08	EW02J1050
RL-ER05					X			PUREX S&M	1.4.10.1.2.05.01.03.02	EW02J1050

WORK BREAKDOWN STRUCTURE INDEX

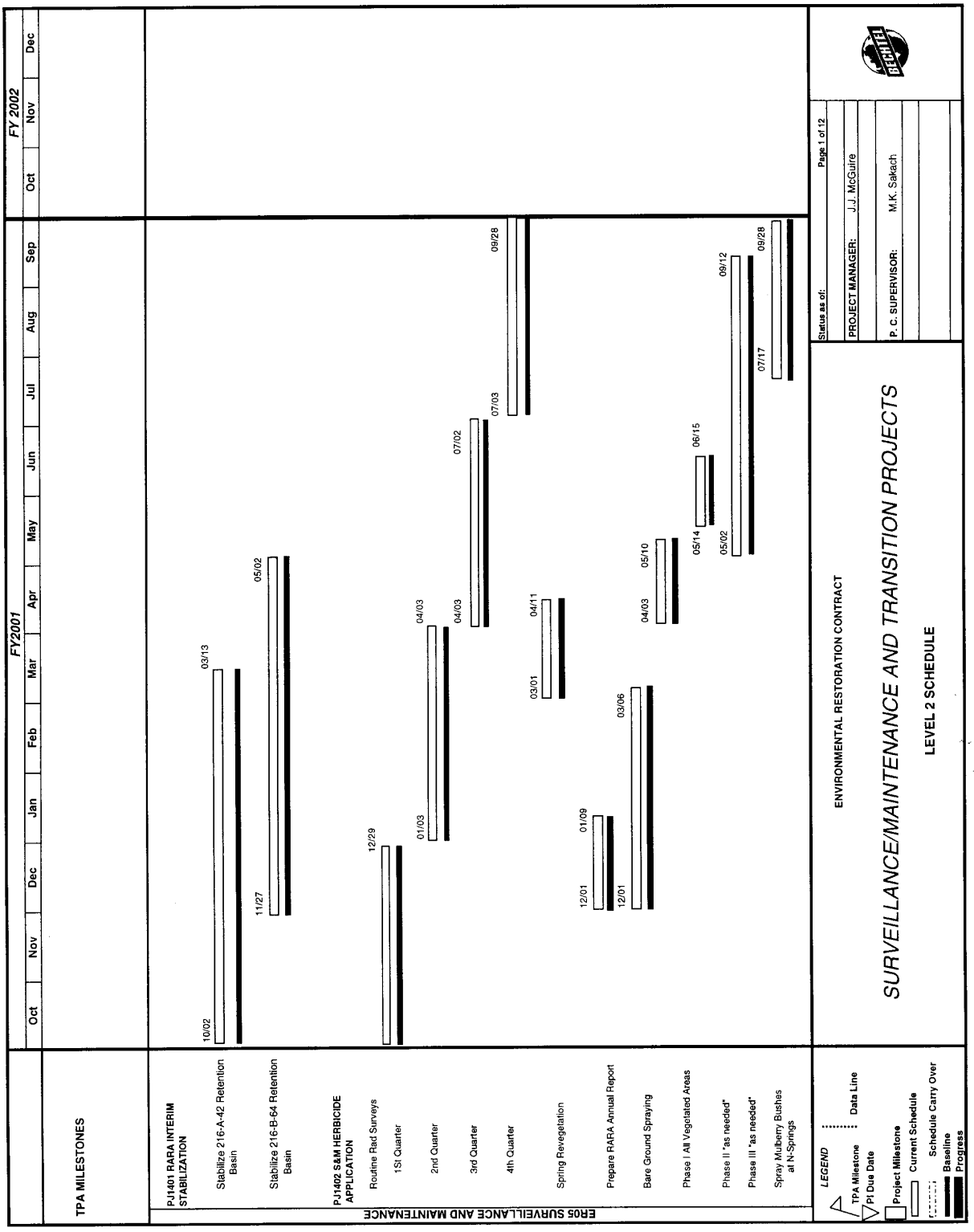
PBS	Indenture Level							Title	HQ/ERC WBS #	B&R #
	5	6	7	8	9	10	11			
RL-ER05						X		PUREX S&M Assessment	1.4.10.1.2.05.01.03.02.41	EW02J1050
RL-ER05							X	PUREX S&M	1.4.10.1.2.05.01.03.02.41.01	EW02J1050
RL-ER05					X			B PLANT S&M	1.4.10.1.2.05.01.03.05	EW02J1050
RL-ER05						X		B PLANT S&M Assessment	1.4.10.1.2.05.01.03.05.41	EW02J1050
RL-ER05							X	B PLANT S&M	1.4.10.1.2.05.01.03.05.41.01	EW02J1050
RL-ER05				X				300 Area Inactive Facility S&M	1.4.10.1.2.05.01.04	EW02J1050
RL-ER05					X			300 Area S&M	1.4.10.1.2.05.01.04.01	EW02J1050
RL-ER05						X		300 Area S&M Assessment	1.4.10.1.2.05.01.04.01.41	EW02J1050
RL-ER05							X	300 Area S&M	1.4.10.1.2.05.01.04.01.41.01	EW02J1050
	X							Long-Term Surveillance and Maintenance	1.4.10.1.4	
RL-ER07		X						Environmental Restoration Long Term Surveillance and Maintenance	1.4.10.1.4.07	EW02J1070
RL-ER07			X					Post Remediation Surveillance and Maintenance	1.4.10.1.4.07.01	EW02J1070
RL-ER07				X				Post Surveillance and Maintenance	1.4.10.1.4.07.01.01	EW02J1070
RL-ER07					X			100 Area S&M	1.4.10.1.4.07.01.01.01	EW02J1070
RL-ER07						X		100 Area S&M Landlord	1.4.10.1.4.07.01.01.01.45	EW02J1070
RL-ER07							X	100 Area Long Term S&M	1.4.10.1.4.07.01.01.01.45.01	EW02J1070
RL-ER07					X			300 Area S&M	1.4.10.1.4.07.01.01.03	EW02J1070
RL-ER07						X		300 Area S&M Landlord	1.4.10.1.4.07.01.01.03.45	EW02J1070
RL-ER07							X	300 Area Long Term S&M	1.4.10.1.4.07.01.01.03.45.01	EW02J1070
RL-ER07					X			400/600/1100 Area S&M	1.4.10.1.4.07.01.01.05	EW02J1070
RL-ER07						X		400/600/1100 Area S&M Landlord	1.4.10.1.4.07.01.01.05.45	EW02J1070
RL-ER07							X	400/600/1100 Area Long Term S&M	1.4.10.1.4.07.01.01.05.45.01	EW02J1070

RESPONSIBILITY ASSIGNMENT MATRIX

OU	CA #	WBS #	Description	Responsibility	
				ERC	RL
D&D		1.4.10.1.2	Decontamination and Decommissioning	HENCKEL RP	GOODENOUGH JD
S&M		1.4.10.1.2.05	Environmental Restoration Surveillance and Maintenance	MCGUIRE JJ	GOODENOUGH JD
S&M		1.4.10.1.2.05.01	Surveillance and Maintenance	MCGUIRE JJ	GOODENOUGH JD
RARA	PJ	1.4.10.1.2.05.01.01	RARA	MCGUIRE JJ	GOODENOUGH JD
RARA	PJ1	1.4.10.1.2.05.01.01.01	RARA Common	WOODS PJ	FERNS TW
RARA	PJ14	1.4.10.1.2.05.01.01.01.34	RARA Common Interim Remedial Action	WOODS PJ	FERNS TW
RARA	PJ1401	1.4.10.1.2.05.01.01.01.34.01	RARA Interim Stabilization	WOODS PJ	FERNS TW
RARA	PJ1402	1.4.10.1.2.05.01.01.01.34.02	S&M/Herbicide Application	WOODS PJ	FERNS TW
100 S&M	UB	1.4.10.1.2.05.01.02	100 Area Inactive Facility S&M	MCGUIRE JJ	GOODENOUGH JD
100 S&M	UB1	1.4.10.1.2.05.01.02.01	100 Area S&M	WOODS PJ	FERNS TW
100 S&M	UB11	1.4.10.1.2.05.01.02.01.41	100 Area S&M Assessment	WOODS PJ	FERNS TW
100 S&M	UB1101	1.4.10.1.2.05.01.02.01.41.01	100 Area S&M	WOODS PJ	FERNS TW
100 S&M	UB1102	1.4.10.1.2.05.01.02.01.41.02	100 Area Risk Assessment	WOODS PJ	FERNS TW
100 S&M	UB1107	1.4.10.1.2.05.01.02.01.41.07	B Reactor Museum	BUTLER DH	SMITH RC
100 S&M	UB1126	1.4.10.1.2.05.01.02.01.41.26	100-N Area S&M	WOODS PJ	FERNS TW
200 S&M	UE	1.4.10.1.2.05.01.03	200 Area Inactive Facility S&M	MCGUIRE JJ	GOODENOUGH JD
200 S&M	UE1	1.4.10.1.2.05.01.03.01	200 Area S&M	WOODS PJ	FERNS TW
200 S&M	UE11	1.4.10.1.2.05.01.03.01.41	200 Area S&M Assessment	WOODS PJ	FERNS TW
200 S&M	UE1101	1.4.10.1.2.05.01.03.01.41.01	200 Area S&M	WOODS PJ	FERNS TW
200 S&M	UE1102	1.4.10.1.2.05.01.03.01.41.02	Facility Transition	MACFARLAN GM	FERNS TW
200 Area CDI	UE1103	1.4.10.1.2.05.01.03.01.41.03	200 Area Canyon Disposition Initiative	MACFARLAN GM	SANDS JP
200 S&M	UE1105	1.4.10.1.2.05.01.03.01.41.05	200 Area Risk Assessment	WOODS PJ	FERNS TW
200 S&M	UE1106	1.4.10.1.2.05.01.03.01.41.06	Nuclear Facility Support	EGGE RG	FERNS TW
200 S&M	UE1108	1.4.10.1.2.05.01.03.01.41.08	Risk Reduction Planning	EGGE RG	FERNS TW
PUREX	UE2	1.4.10.1.2.05.01.03.02	PUREX S&M	WOODS PJ	FERNS TW

RESPONSIBILITY ASSIGNMENT MATRIX

OU	CA #	WBS #	Description	Responsibility	
				ERC	RL
PUREX	UE21	1.4.10.1.2.05.01.03.02.41	PUREX S&M Assessment	WOODS PJ	FERNS TW
PUREX	UE2101	1.4.10.1.2.05.01.03.02.41.01	PUREX S&M	WOODS PJ	FERNS TW
B-PLANT	UE5	1.4.10.1.2.05.01.03.05	B PLANT S&M	WOODS PJ	FERNS TW
B-PLANT	UE51	1.4.10.1.2.05.01.03.05.41	B PLANT S&M Assessment	WOODS PJ	FERNS TW
B-PLANT	UE5101	1.4.10.1.2.05.01.03.05.41.01	B PLANT S&M	WOODS PJ	FERNS TW
300 S&M	UC	1.4.10.1.2.05.01.04	300 Area Inactive Facility S&M	MCGUIRE JJ	GOODENOUGH JD
300 S&M	UC1	1.4.10.1.2.05.01.04.01	300 Area S&M	WOODS PJ	FERNS TW
300 S&M	UC11	1.4.10.1.2.05.01.04.01.41	300 Area S&M Assessment	WOODS PJ	FERNS TW
300 S&M	UC1101	1.4.10.1.2.05.01.04.01.41.01	300 Area S&M	WOODS PJ	FERNS TW
LT S&M		1.4.10.1.4	Long-Term Surveillance and Maintenance	MCGUIRE JJ	GOODENOUGH JD
LT S&M		1.4.10.1.4.07	Environmental Restoration Long Term Surveillance and Maintenance	MCGUIRE JJ	GOODENOUGH JD
LT S&M		1.4.10.1.4.07.01	Post Remediation Surveillance and Maintenance	MCGUIRE JJ	GOODENOUGH JD
LT S&M	SM	1.4.10.1.4.07.01.01	Post Surveillance and Maintenance	MCGUIRE JJ	GOODENOUGH JD
100 Area LT S&M	SM1	1.4.10.1.4.07.01.01.01	100 Area S&M	WOODS PJ	FERNS TW
100 Area LT S&M	SM15	1.4.10.1.4.07.01.01.01.45	100 Area S&M Landlord	WOODS PJ	FERNS TW
100 Area LT S&M	SM1501	1.4.10.1.4.07.01.01.01.45.01	100 Area Long Term S&M	WOODS PJ	FERNS TW
300 Area LT S&M	SM3	1.4.10.1.4.07.01.01.03	300 Area S&M	WOODS PJ	FERNS TW
300 Area LT S&M	SM35	1.4.10.1.4.07.01.01.03.45	300 Area S&M Landlord	WOODS PJ	FERNS TW
300 Area LT S&M	SM3501	1.4.10.1.4.07.01.01.03.45.01	300 Area Long Term S&M	WOODS PJ	FERNS TW
400/600/1100 Area LT S&M	SM5	1.4.10.1.4.07.01.01.05	400/600/1100 Area S&M	WOODS PJ	FERNS TW
400/600/1100 Area LT S&M	SM55	1.4.10.1.4.07.01.01.05.45	400/600/1100 Area S&M Landlord	WOODS PJ	FERNS TW
400/600/1100 Area LT S&M	SM5501	1.4.10.1.4.07.01.01.05.45.01	400/600/1100 Area Long Term S&M	WOODS PJ	FERNS TW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TPA MILESTONES
ER05 SURVEILLANCE AND MAINTENANCE
PJ1401 RARA INTERIM STABILIZATION
Stabilize 216-A-42 Retention Basin
10/02
03/13
Stabilize 216-B-64 Retention Basin
11/27
05/02
PJ1402 S&M HERBICIDE APPLICATION
Routine Rad Surveys
12/29
1St Quarter
01/03
2nd Quarter
04/03
3rd Quarter
04/03
07/02
4th Quarter
07/03
09/28
Spring Revegetation
03/01
04/11
Prepare RARA Annual Report
12/01
01/09
Bare Ground Spraying
12/01
03/06
Phase I All Vegetated Areas
04/03
05/10
Phase II "as needed"
05/14
06/15
Phase III "as needed"
05/02
09/12
Spray Mulberry Bushes at N-Springs
07/17
09/28
LEGEND
TPA Milestone
Data Line
PI Due Date
Project Milestone
Current Schedule
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Progress
ENVIRONMENTAL RESTORATION CONTRACT
SURVEILLANCE/MAINTENANCE AND TRANSITION PROJECTS
LEVEL 2 SCHEDULE
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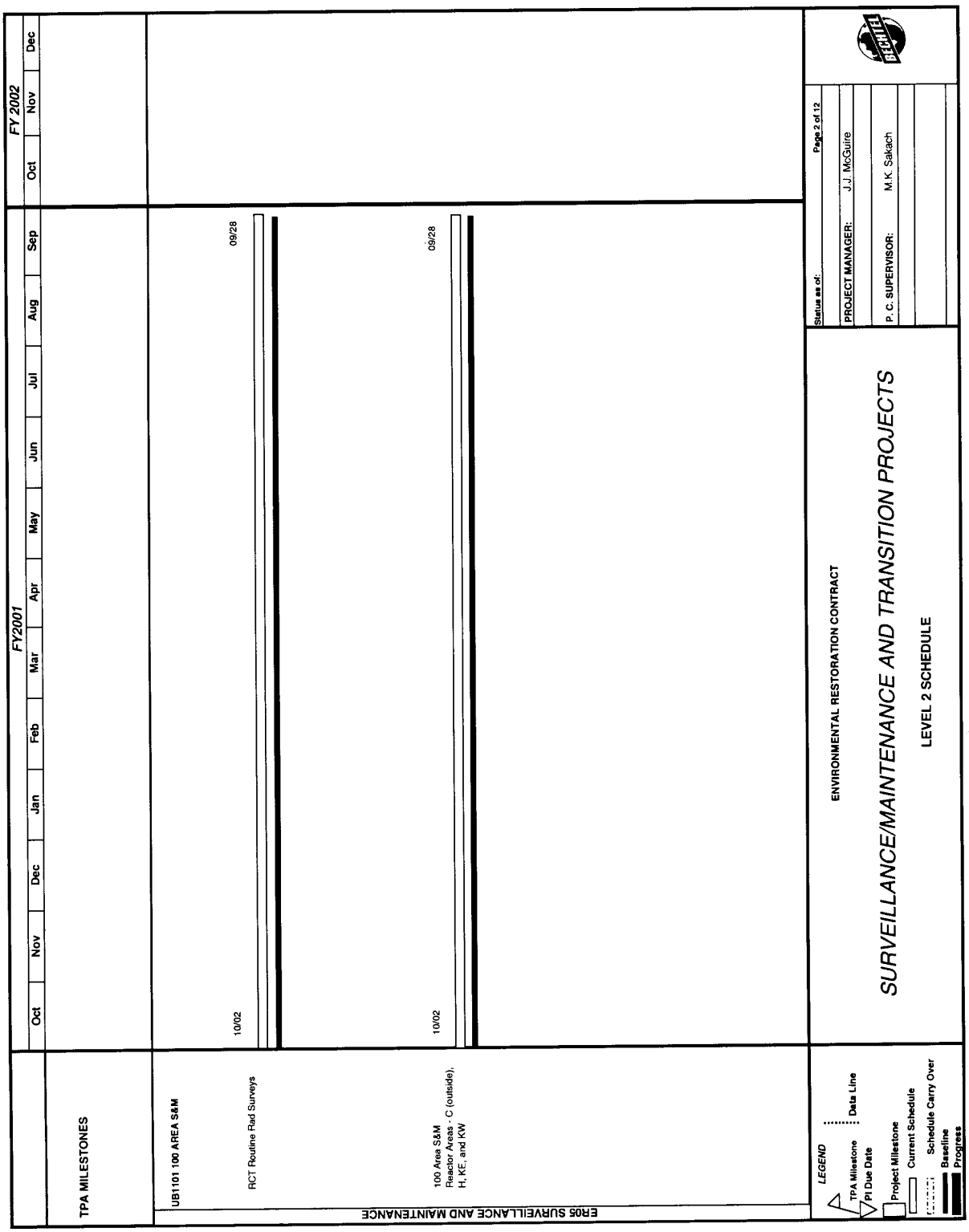
PROJECT MANAGER: J.J. McGuire
P. C. SUPERVISOR: M.K. Sakach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TPA MILESTONES
UB1101 100 AREA S&M
RCT Routine Rad Surveys
10/02
09/28
100 Area S&M
Reactor Areas - C (outside),
H, KE, and KW
10/02
09/28
ER05 SURVEILLANCE AND MAINTENANCE
LEGEND
TPA Milestone
PI Due Date
Project Milestone
Current Schedule
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LEVEL 2 SCHEDULE
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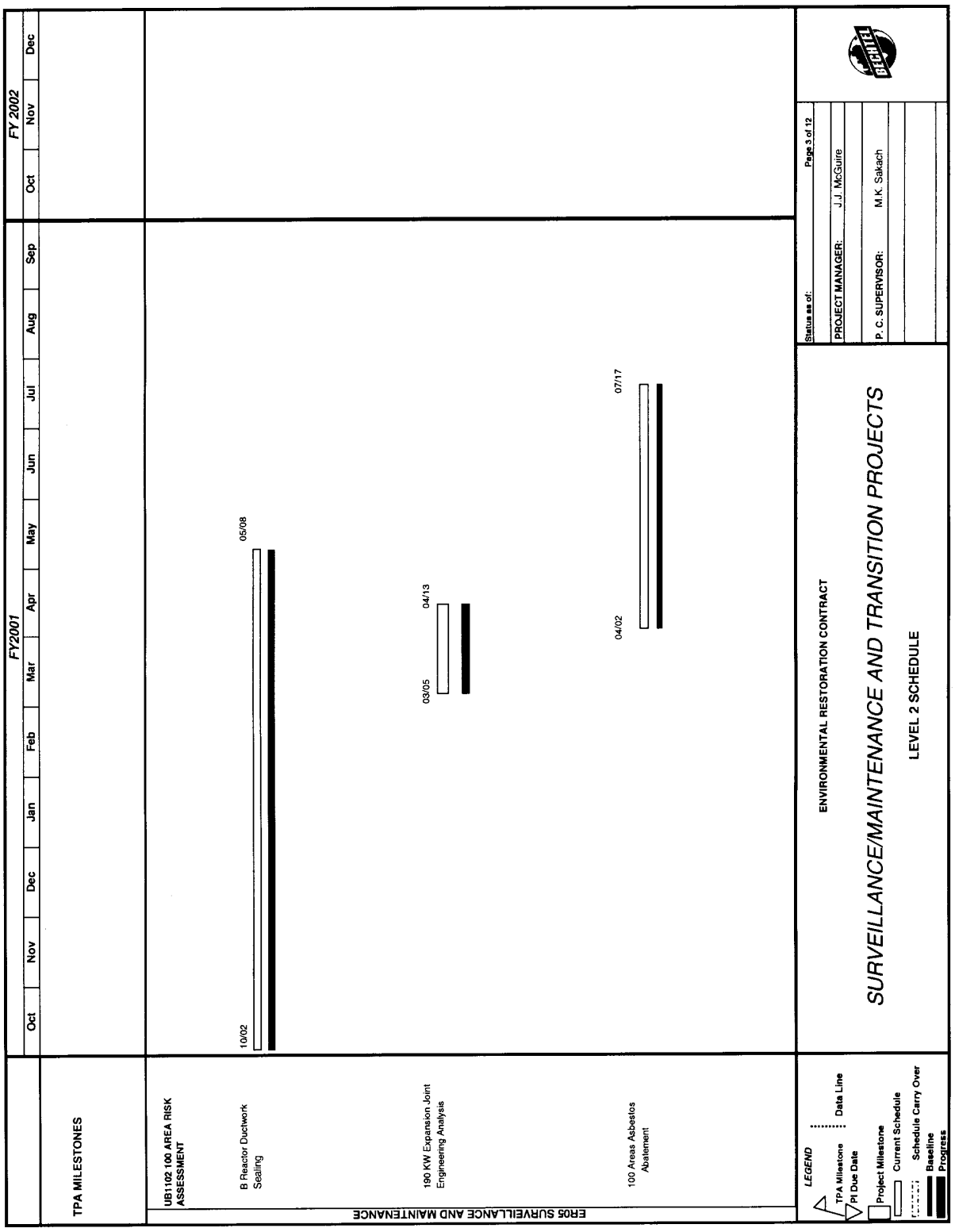
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TPA MILESTONES
ER05 SURVEILLANCE AND MAINTENANCE
UB1102 100 AREA RISK ASSESSMENT
B Reactor Ductwork Sealing
10/02
05/08
190 KW Expansion Joint Engineering Analysis
03/05
04/13
100 Areas Asbestos Abatement
04/02
07/17
LEGEND
TPA Milestone
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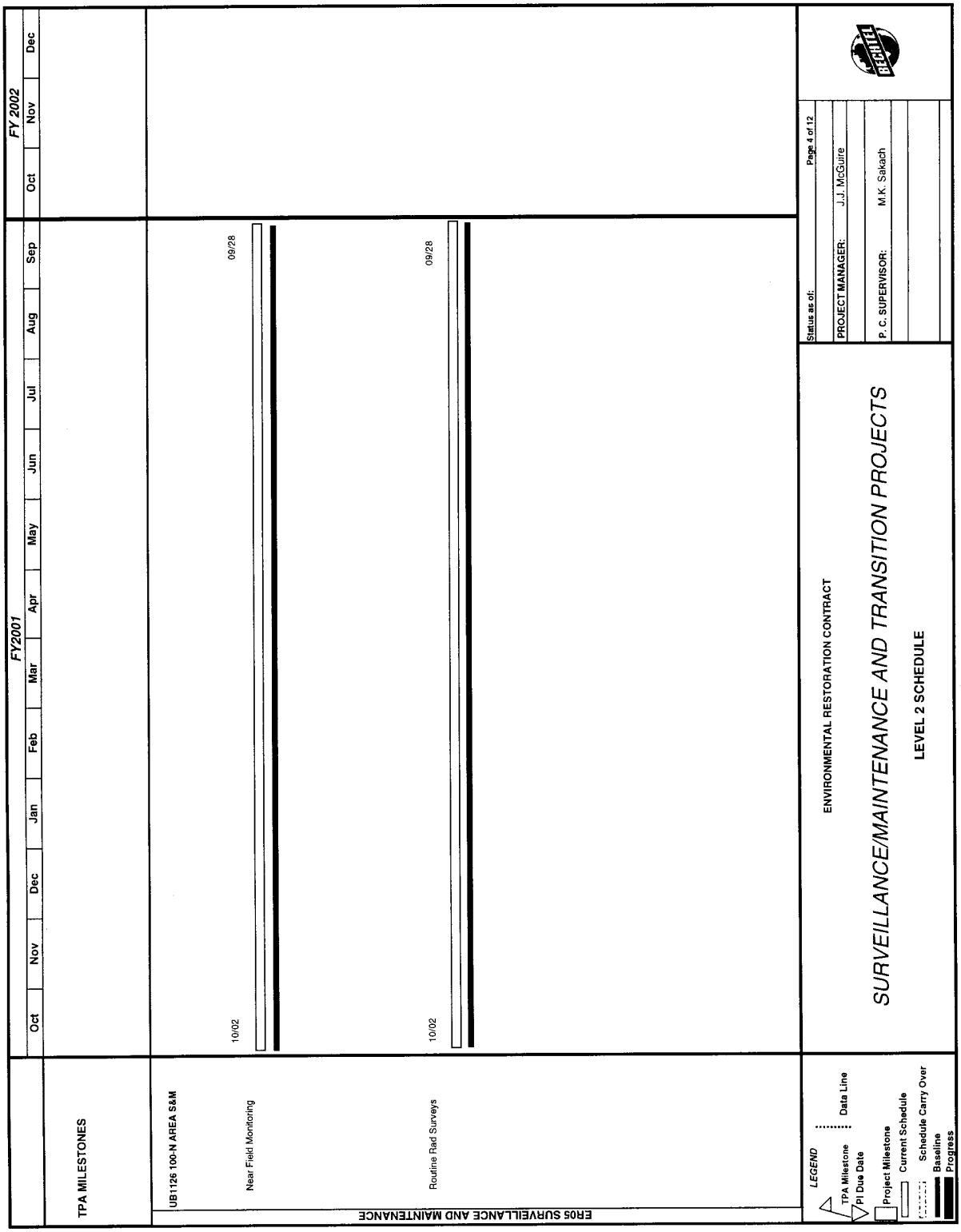
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TPA MILESTONES
ER05 SURVEILLANCE AND MAINTENANCE
UB1126 100-N AREA S&M
Near Field Monitoring
10/02
09/28
Routine Rad Surveys
10/02
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LEGEND
TPA Milestone
PI Due Date
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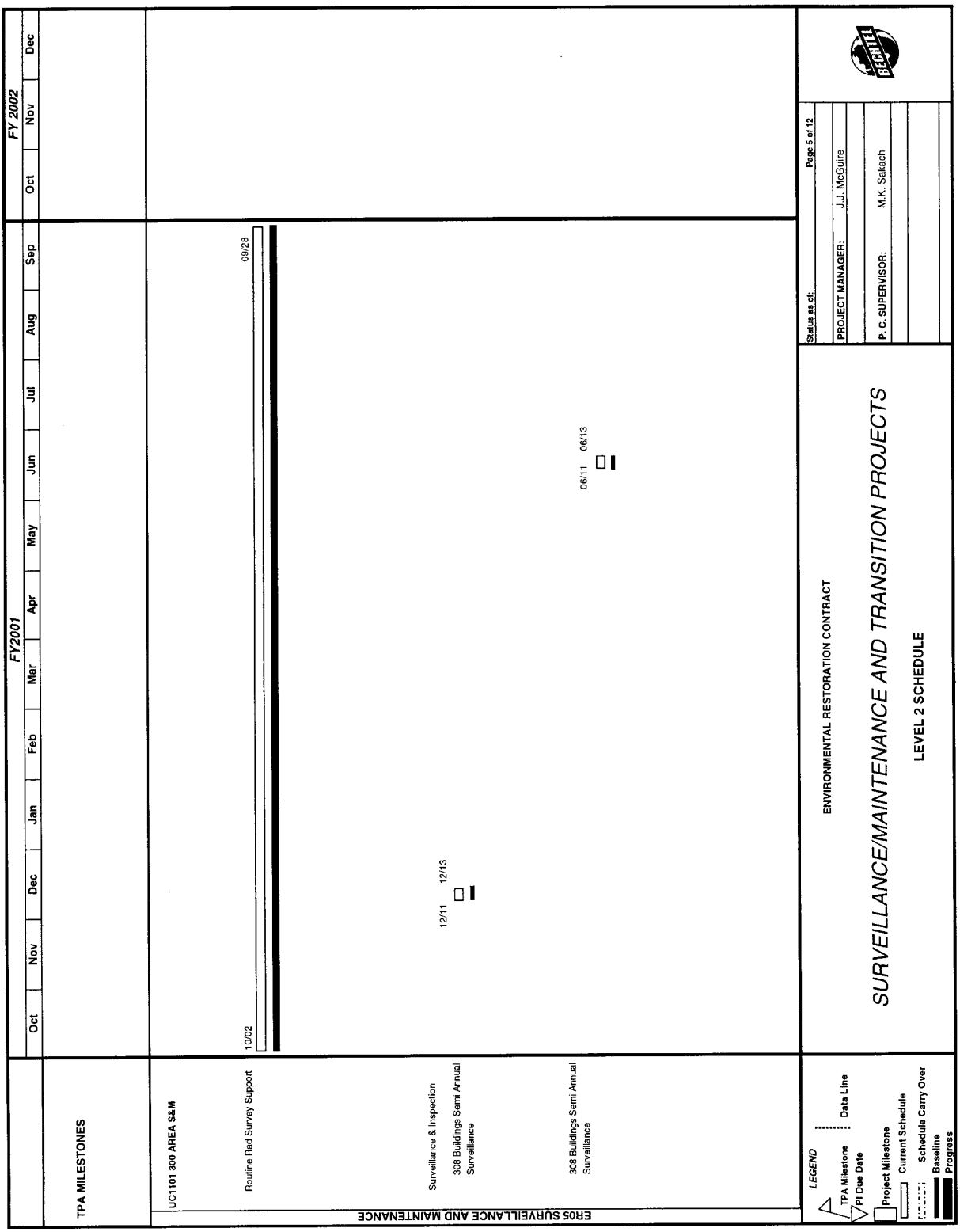
M.K. Sakach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UC1101 300 AREA S&M
ER05 SURVEILLANCE AND MAINTENANCE
Routine Rad Survey Support
10/02
09/28
Surveillance & Inspection
308 Buildings Semi Annual Surveillance
12/11
12/13
308 Buildings Semi Annual Surveillance
06/11
06/13
LEGEND
TPA Milestone
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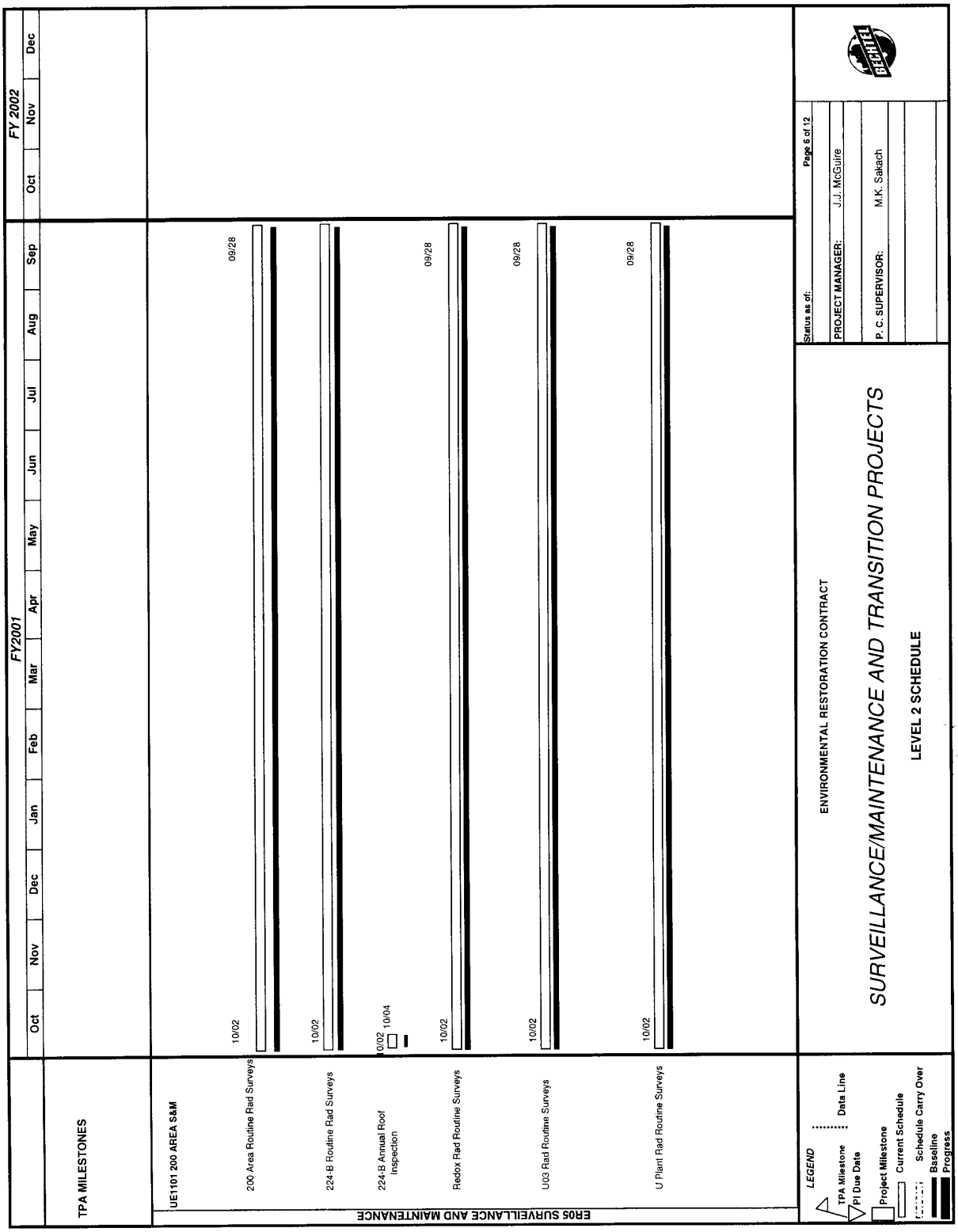
RECUITE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TPA MILESTONES
ER05 SURVEILLANCE AND MAINTENANCE
UE1101 200 AREA S&M
200 Area Routine Rad Surveys
10/02
09/28
224-B Routine Rad Surveys
10/02
09/28
224-B Annual Roof Inspection
10/02
10/04
Redox Rad Routine Surveys
10/02
09/28
U03 Rad Routine Surveys
10/02
09/28
U Plant Rad Routine Surveys
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LEGEND
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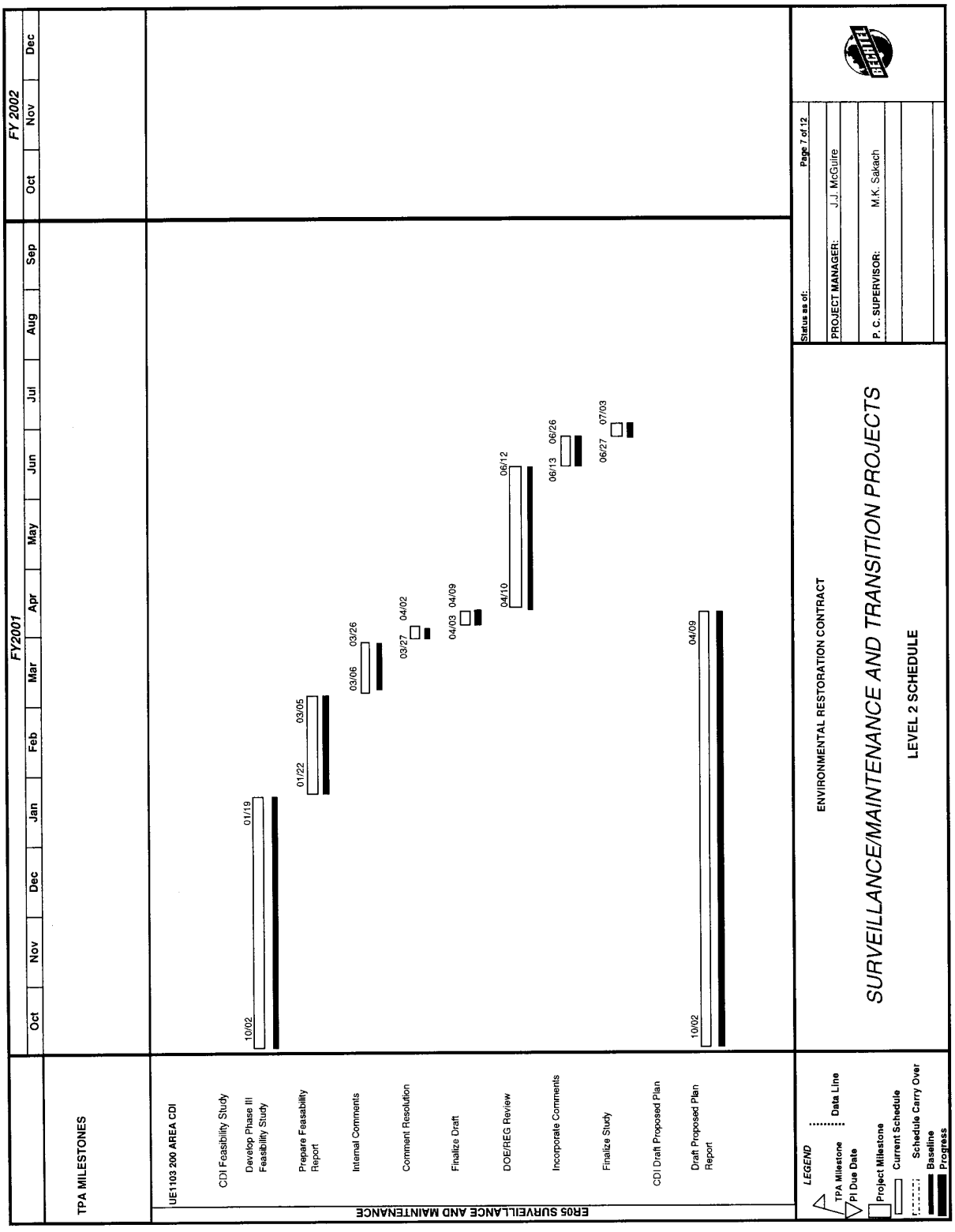
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TPA MILESTONES
ER05 SURVEILLANCE AND MAINTENANCE
UE1103 200 AREA CDI
CDI Feasibility Study
Develop Phase III Feasibility Study
10/02
01/19
Prepare Feasability Report
01/22
03/05
Internal Comments
03/06
03/26
Comment Resolution
03/27
04/02
Finalize Draft
04/03
04/09
DOE/REG Review
04/10
06/12
Incorporate Comments
06/13
06/26
Finalize Study
06/27
07/03
CDI Draft Proposed Plan
Draft Proposed Plan Report
10/02
04/09
LEGEND
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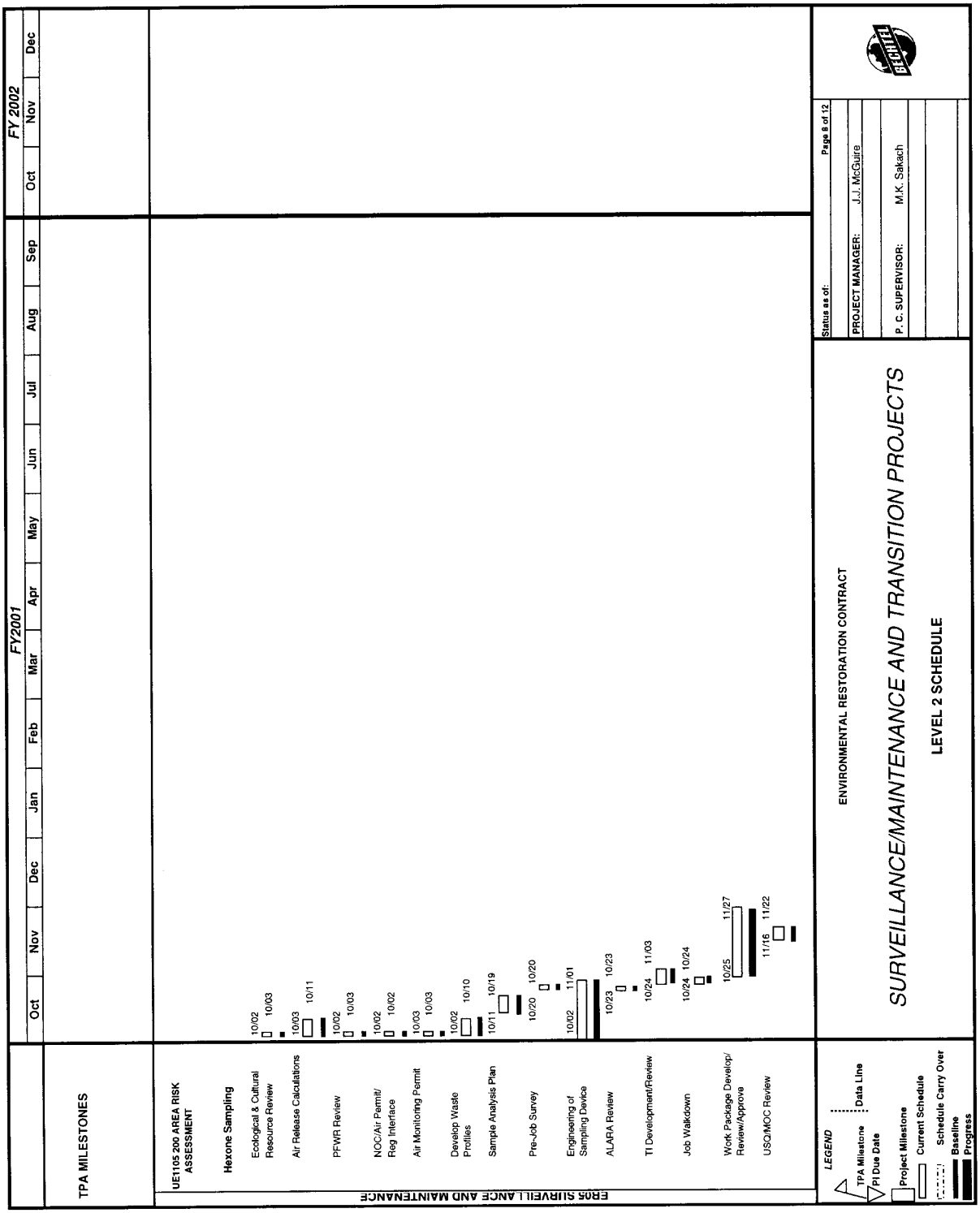
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TPA MILESTONES
ERDS SURVEILLANCE AND MAINTENANCE
UE1105 200 AREA RISK ASSESSMENT
Hexone Sampling
Ecological & Cultural Resource Review
Air Release Calculations
PFWR Review
NOC/Air Permit/ Reg Interface
Air Monitoring Permit
Develop Waste Profiles
Sample Analysis Plan
Pre-Job Survey
Engineering of Sampling Device
ALARA Review
TI Development/Review
Job Walkdown
Work Package Develop/ Review/Approve
USQ/MOC Review
10/02
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10/02
10/02
10/03
10/03
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LEGEND
TPA Milestone
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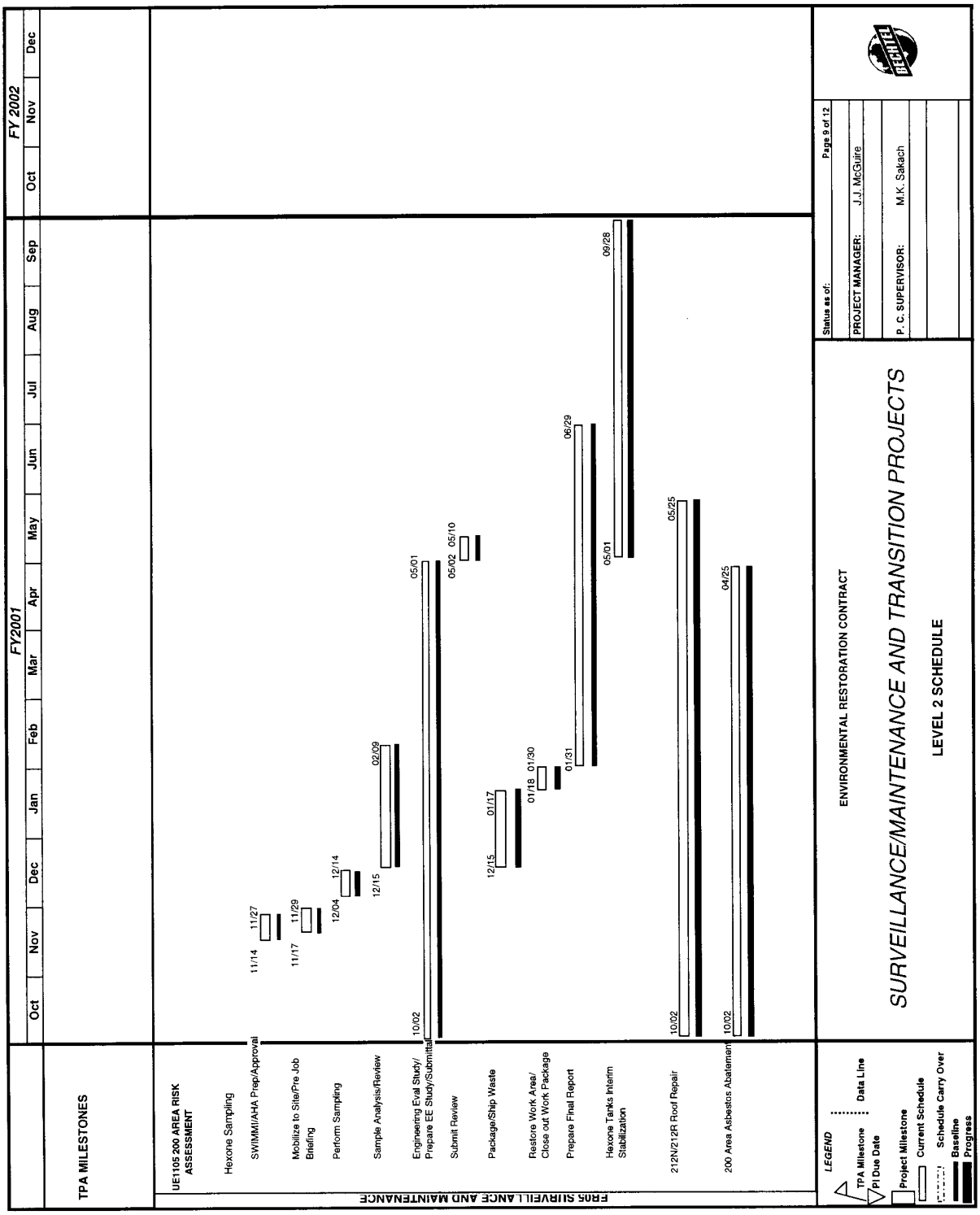
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TPA MILESTONES
UE1105 200 AREA RISK ASSESSMENT
Hexone Sampling
SW/MMI/AHA Prep/Approval
11/14
11/27
Mobilize to Site/Pre Job Briefing
11/17
11/29
Perform Sampling
12/04
12/14
Sample Analysis/Review
12/15
02/09
Engineering Eval Study/ Prepare EE Study/Submittal
10/02
05/01
Submit Review
05/02
05/10
Package/Ship Waste
12/15
01/17
Restore Work Area/ Close out Work Package
01/18
01/30
Prepare Final Report
01/31
06/29
Hexone Tanks Interim Stabilization
05/01
09/28
212N/212R Roof Repair
10/02
05/25
200 Area Asbestos Abatement
10/02
04/25
FFRS SURVEILLANCE AND MAINTENANCE
LEGEND
TPA Milestone
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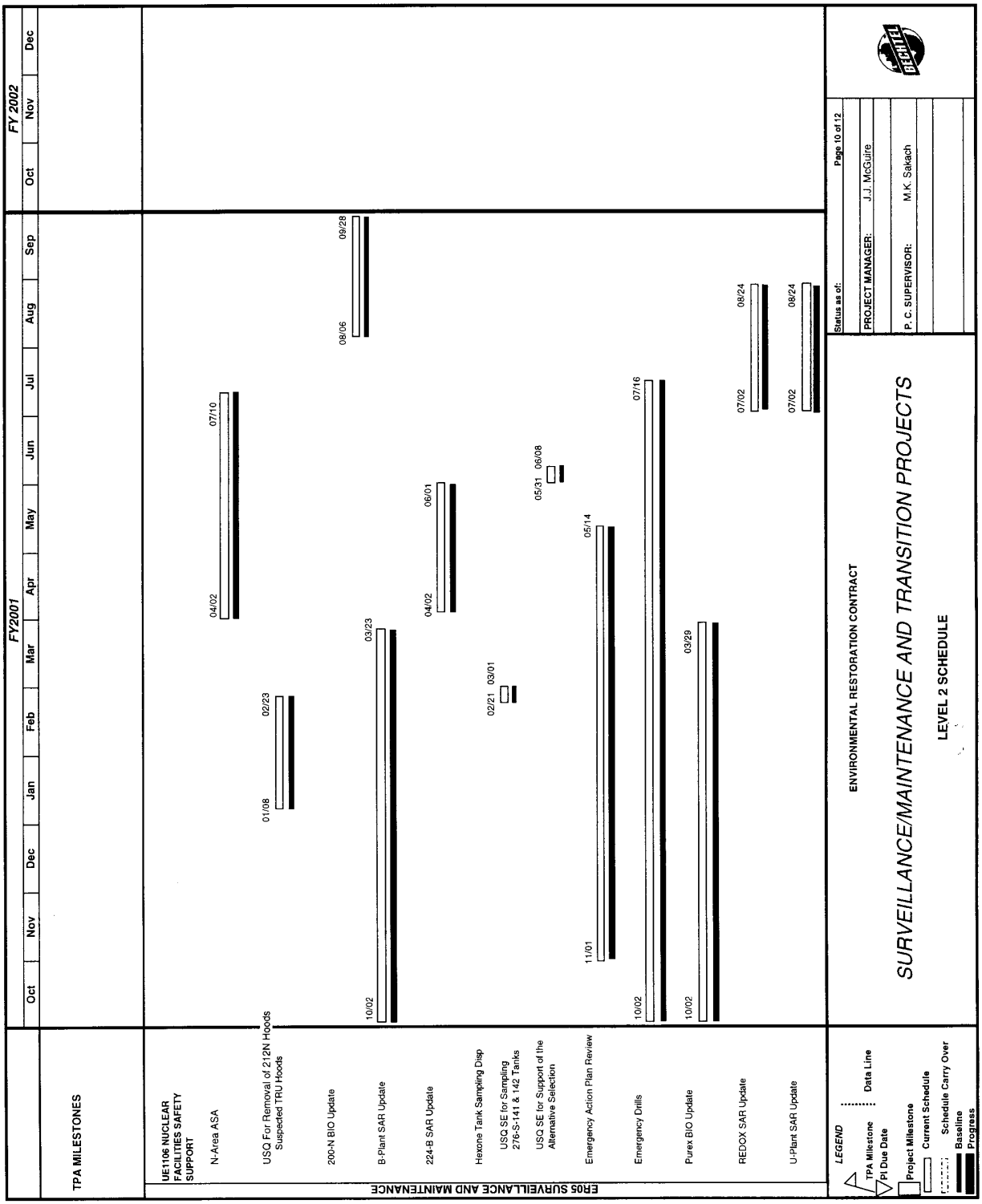
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TPA MILESTONES
ER05 SURVEILLANCE AND MAINTENANCE
UE1106 NUCLEAR FACILITIES SAFETY SUPPORT
N-Area ASA
04/02
07/10
USQ For Removal of 212N Hoods
01/08
02/23
Suspected TRU Hoods
200-N BIO Update
08/06
09/28
B-Plant SAR Update
10/02
03/23
224-B SAR Update
04/02
06/01
Hexone Tank Sampling Disp
02/21
03/01
USQ SE for Sampling 276-S-141 & 142 Tanks
USQ SE for Support of the Alternative Selection
05/31
06/08
Emergency Action Plan Review
11/01
05/14
Emergency Drills
10/02
07/16
Purex BIO Update
10/02
03/29
REDOX SAR Update
07/02
08/24
U-Plant SAR Update
07/02
08/24
LEGEND
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PROJECT MANAGER: J.J. McGuire
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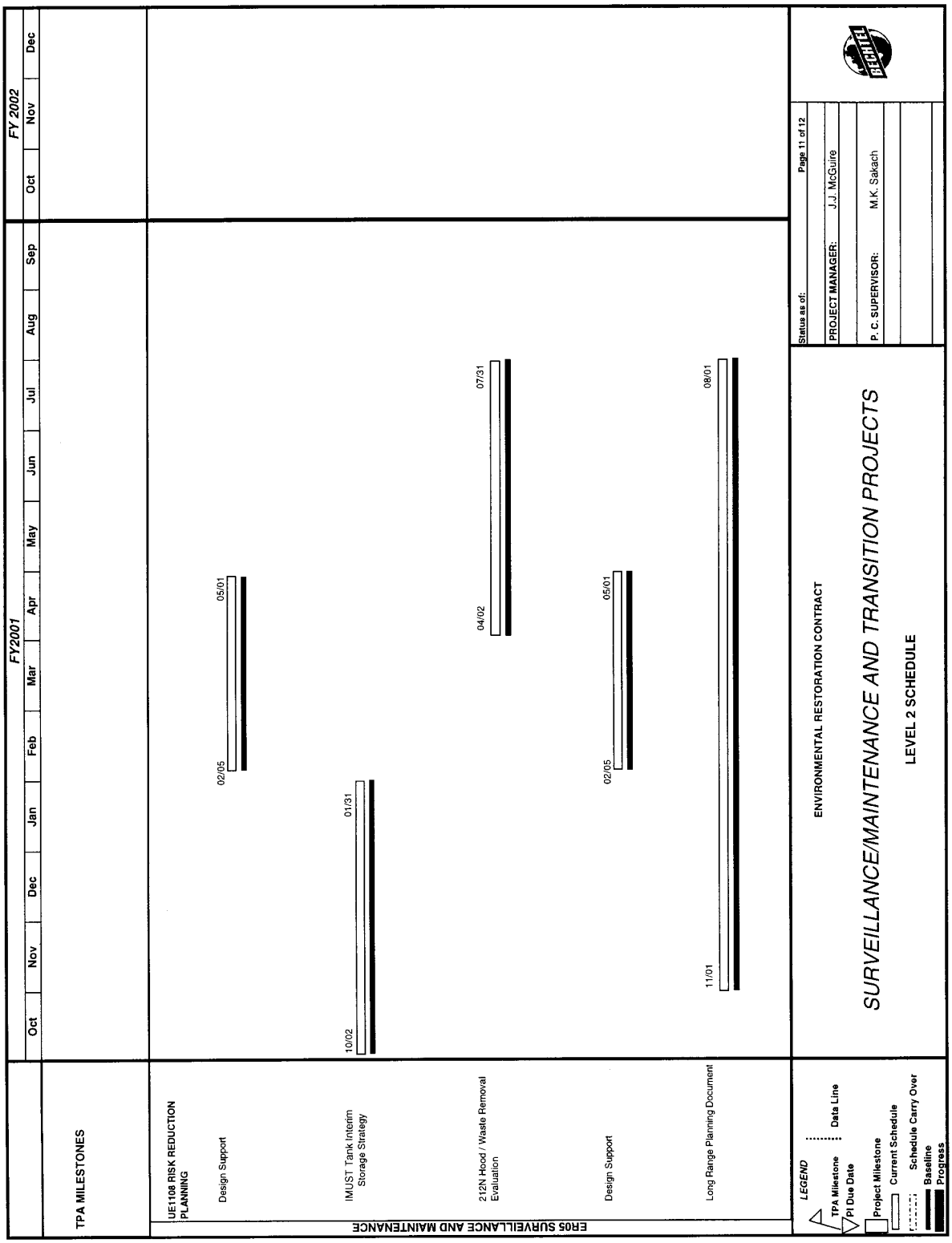
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TPA MILESTONES
ER05 SURVEILLANCE AND MAINTENANCE
UE1108 RISK REDUCTION PLANNING
Design Support
02/05
05/01
IM/UST Tank Interim Storage Strategy
10/02
01/31
212N Hood / Waste Removal Evaluation
04/02
07/31
Design Support
02/05
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Long Range Planning Document
11/01
08/01
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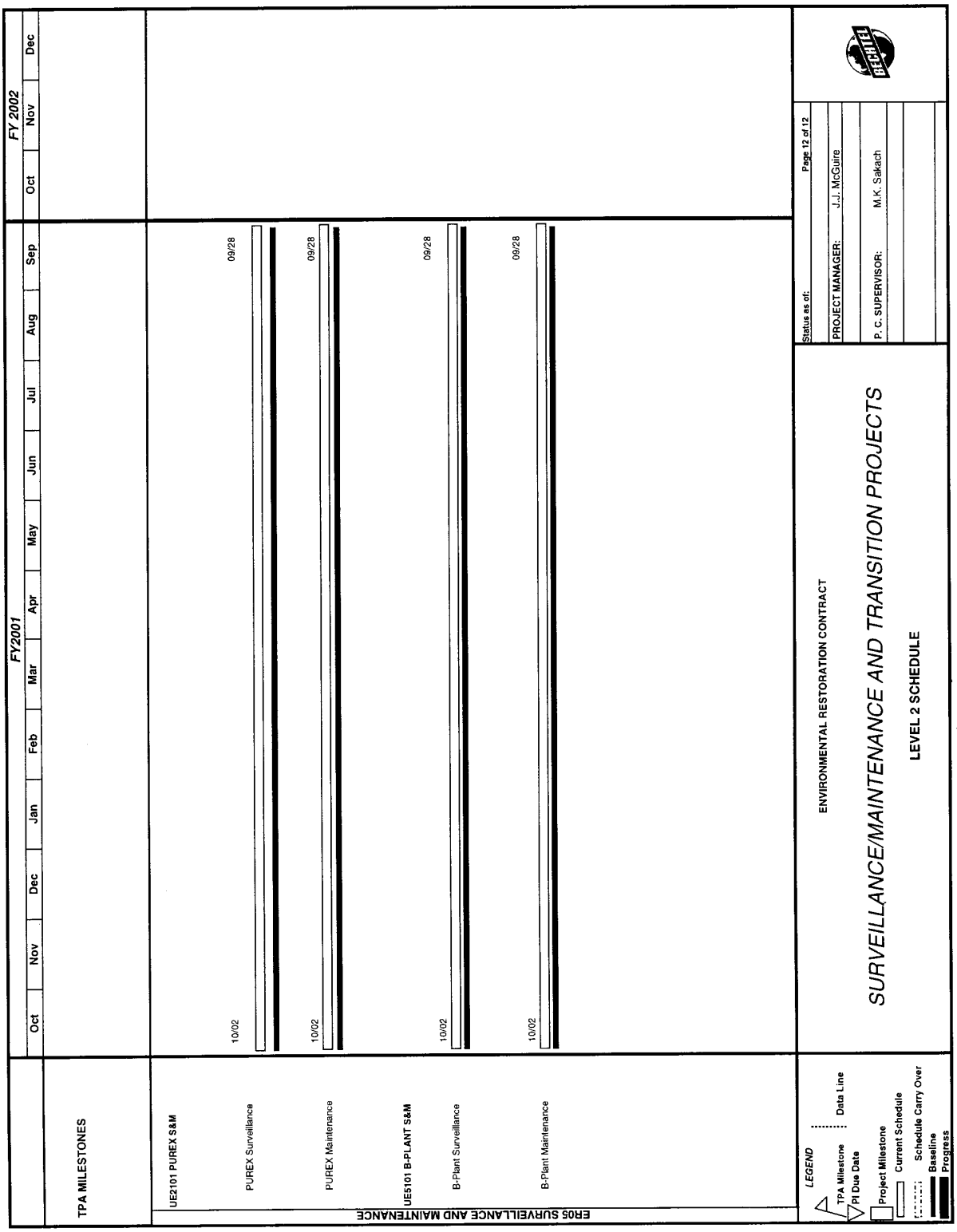
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ER05 SURVEILLANCE AND MAINTENANCE
UE2101 PUREX S&M
PUREX Surveillance
10/02
09/28
PUREX Maintenance
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UE5101 B-PLANT S&M
B-Plant Surveillance
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B-Plant Maintenance
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LEGEND
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PROJECT MANAGER: J.J. McGuire
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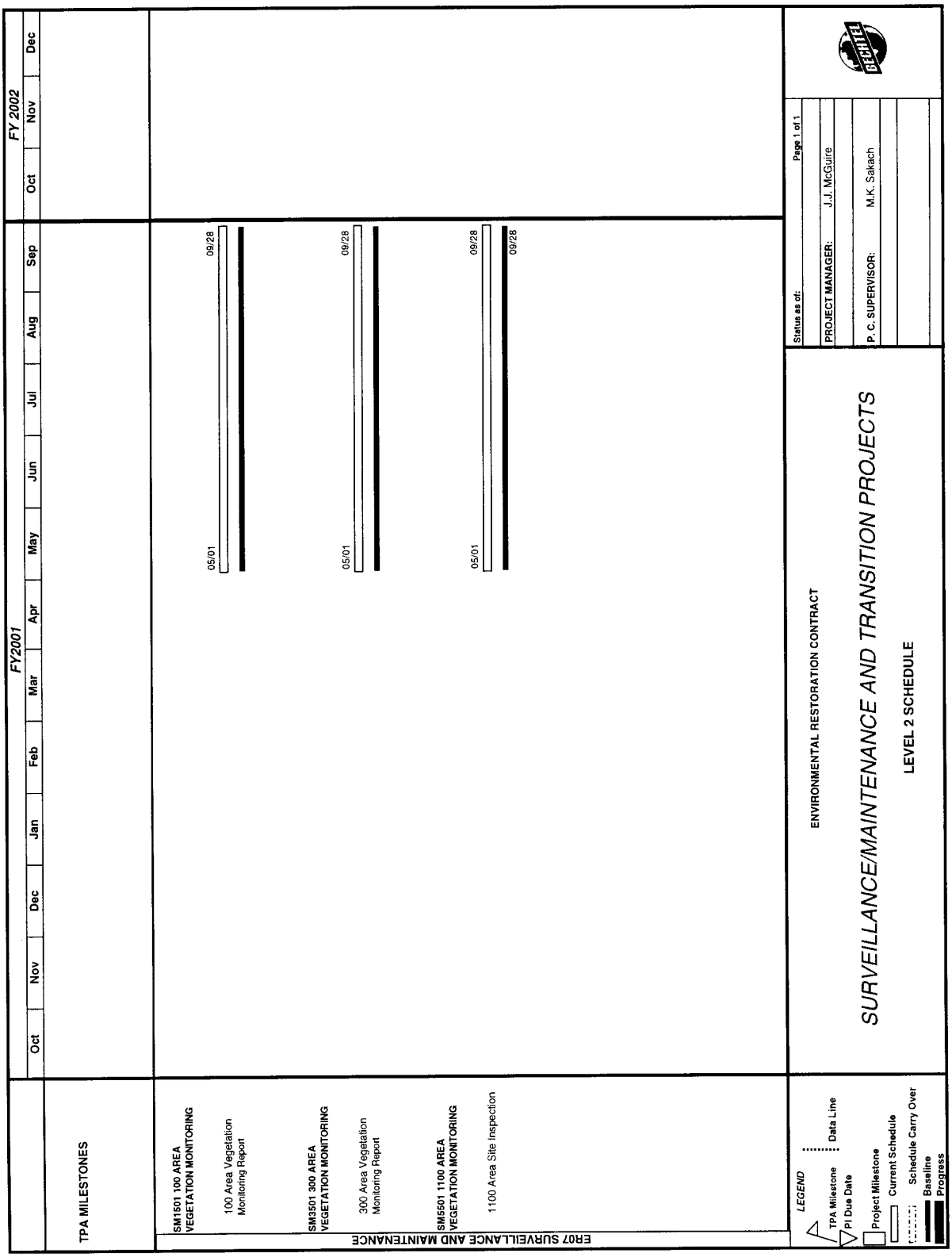
BECHTEL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TPA MILESTONES
ER07 SURVEILLANCE AND MAINTENANCE
SM1501 100 AREA VEGETATION MONITORING
100 Area Vegetation Monitoring Report
05/01
09/28
SM3501 300 AREA VEGETATION MONITORING
300 Area Vegetation Monitoring Report
05/01
09/28
SM5501 1100 AREA VEGETATION MONITORING
1100 Area Site Inspection
05/01
09/28
LEGEND
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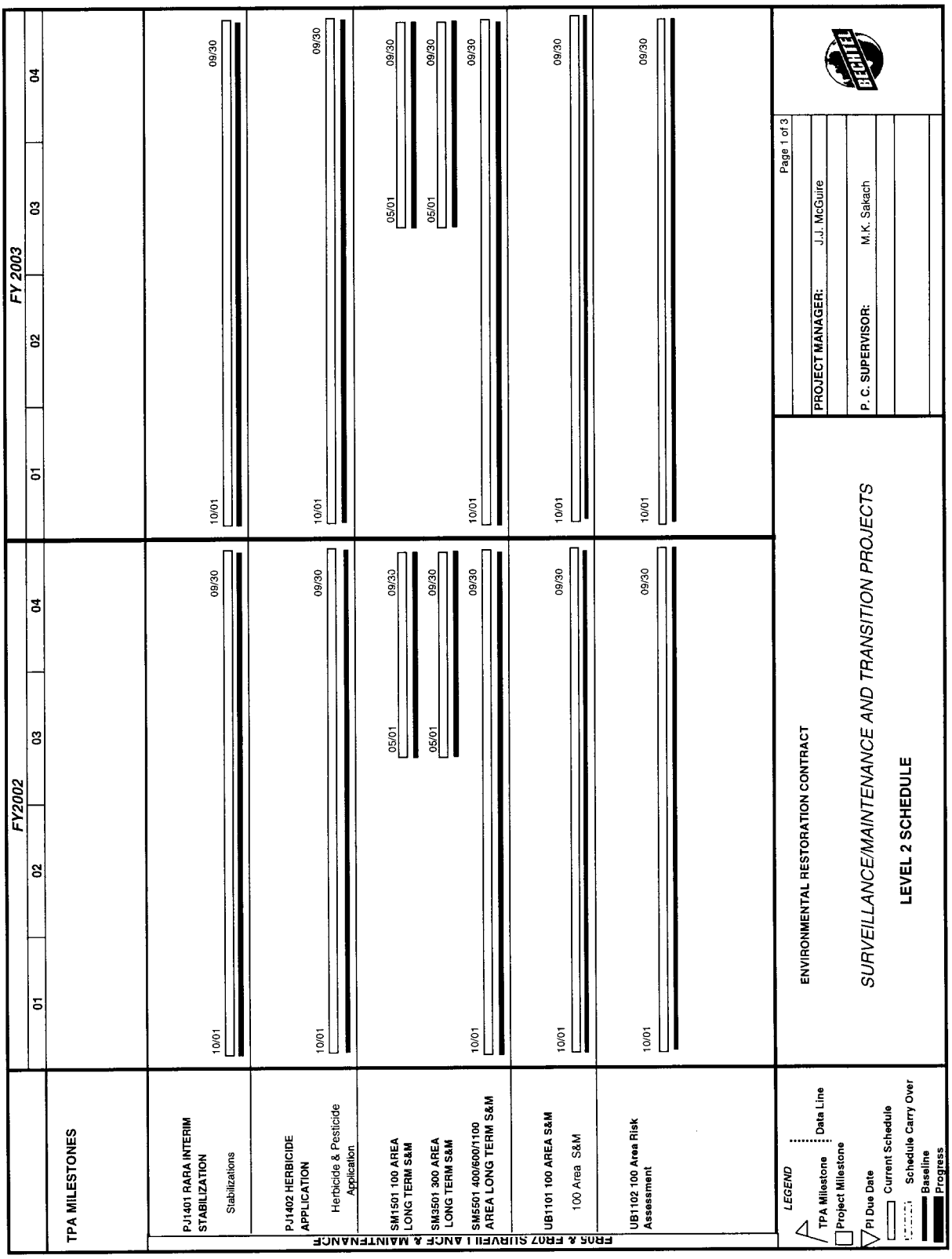
BECHTEL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TPA MILESTONES
ERO5 & ERO7 SURVEILLANCE & MAINTENANCE
PJ1401 RARA INTERIM STABILIZATION
Stabilizations
10/01
09/30
PJ1402 HERBICIDE APPLICATION
Herbicide & Pesticide Application
SM1501 100 AREA LONG TERM S&M
SM3501 300 AREA LONG TERM S&M
SM5501 400/600/1100 AREA LONG TERM S&M
05/01
UB1101 100 AREA S&M
100 Area S&M
UB1102 100 Area Risk Assessment
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PROJECT MANAGER: J.J. McGuire
P. C. SUPERVISOR: M.K. Sakach
EXECUTED

	FY2002				FY 2003			
	01	02	03	04	01	02	03	04
TPA MILESTONES								
FR05 SURVEILLANCE & MAINTENANCE								
UB1107 B REACTOR MUSEUM								
Work Package in Support of EE/CA	10/01 — 11/02				10/01 — 11/02			
Hazard Mitigation	11/05 — 09/30				11/05 — 09/30			
B Reactor Public Tours	10/01 — 09/30				10/01 — 09/30			
UB1126 100-N AREA S&M								
100-N Area S&M	10/01 — 09/30				10/01 — 09/30			
UC1101 300 AREA S&M								
300 Area S&M	10/01 — 09/30				10/01 — 09/30			
UE1101 200 AREA S&M								
200 Area S&M	10/01 — 09/30				10/01 — 09/30			
UE1102 FACILITY TRANSITION								
Facility Transition	10/01 — 09/30				10/01 — 09/30			

LEGEND
TPA Milestone
Data Line
Project Milestone
PI Due Date
Current Schedule
Schedule Carry Over
Baseline
Progress

ENVIRONMENTAL RESTORATION CONTRACT

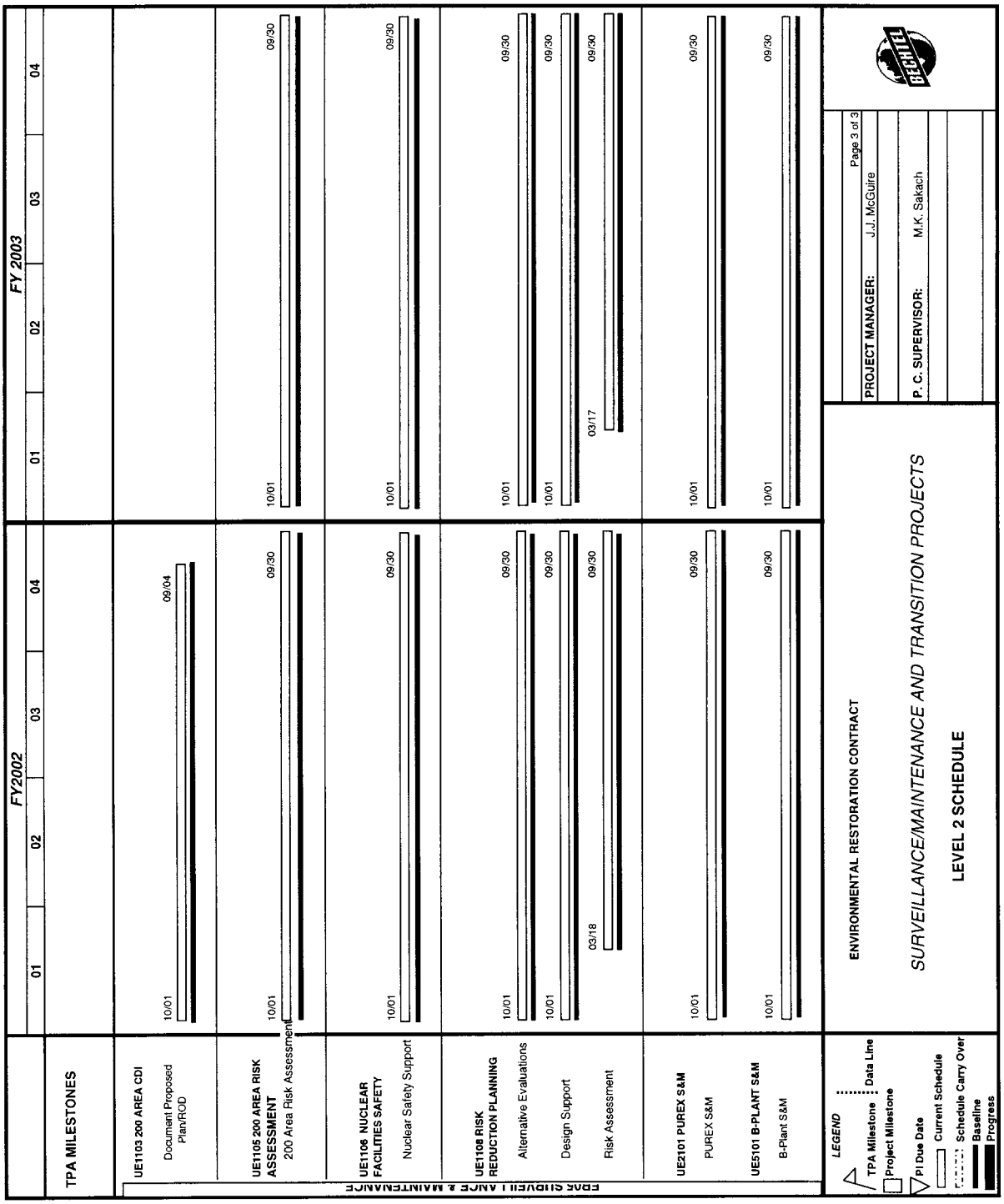
SURVEILLANCE/MAINTENANCE AND TRANSITION PROJECTS

LEVEL 2 SCHEDULE

PROJECT MANAGER: J.J. McGuire

P. C. SUPERVISOR: M.K. Sakach

BECHTEL


FY2002
01
02
03
04
FY 2003
01
02
03
04
TPA MILESTONES
EB05 SURVEILLANCE & MAINTENANCE
UE1103 200 AREA CDI
Document Proposed Plan/ROD
10/01
09/04
UE1105 200 AREA RISK ASSESSMENT
200 Area Risk Assessment
10/01
09/30
10/01
09/30
UE1106 NUCLEAR FACILITIES SAFETY
Nuclear Safety Support
10/01
09/30
10/01
09/30
UE1108 RISK REDUCTION PLANNING
Alternative Evaluations
10/01
09/30
10/01
09/30
Design Support
10/01
09/30
03/18
09/30
03/17
Risk Assessment
UE2101 PUREX S&M
PUREX S&M
10/01
09/30
10/01
09/30
UE5101 B-PLANT S&M
B-Plant S&M
10/01
09/30
10/01
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LEGEND
TPA Milestone
Data Line
Project Milestone
PI Due Date
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ENVIRONMENTAL RESTORATION CONTRACT
SURVEILLANCE/MAINTENANCE AND TRANSITION PROJECTS
LEVEL 2 SCHEDULE
Page 3 of 3
PROJECT MANAGER: J.J. McGuire
P. C. SUPERVISOR: M.K. Sakach
BECHTEL

AREA FY 2001 - FY 2003 BUDGET BASELINE TABLE

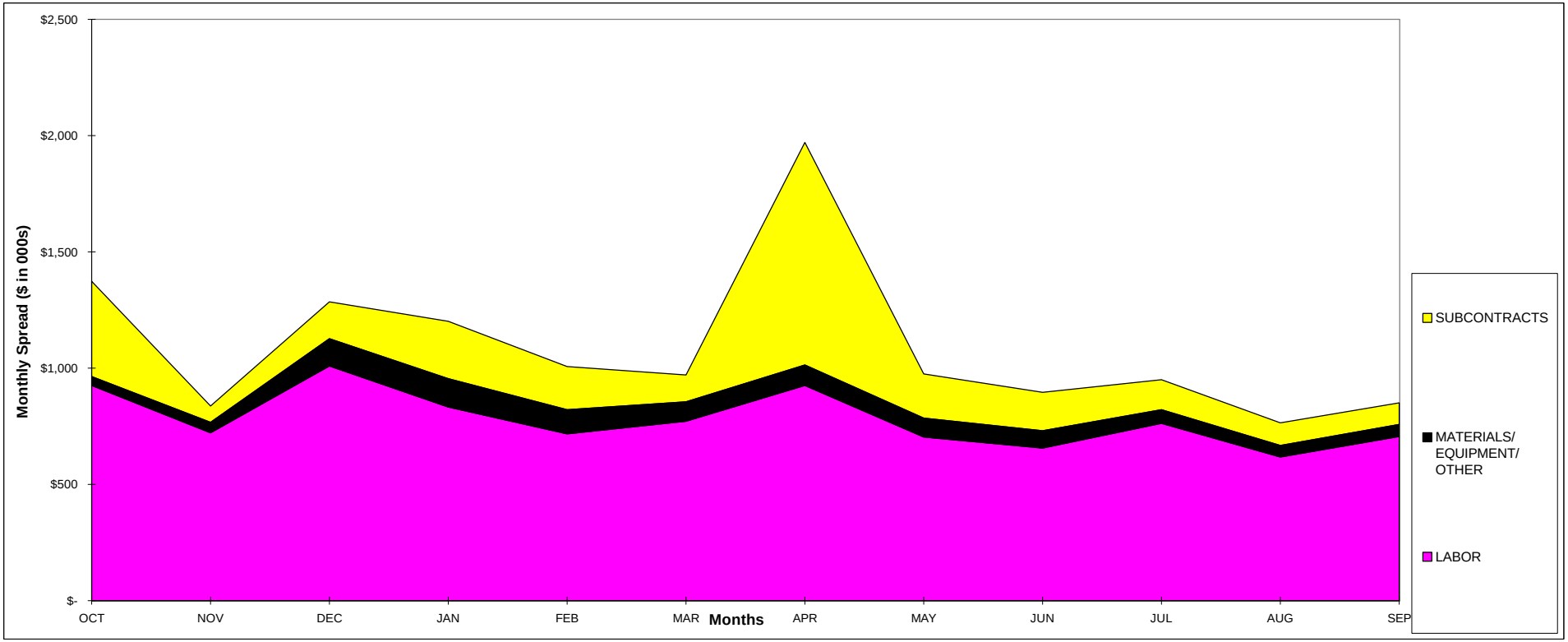
PBS	Description	HOURS			$1,000			
		Non Manual	Manual	Total	Labor	Material/ Eqpt/Other	SC	Total
		FY 2001						
RL-ER05	Environmental Restoration Surveillance and Maintenance	64,386	66,509	130,895	9,291	915	2,818	13,024
RL-ER07	Environmental Restoration Long Term Surveillance and Mai	687	44	731	59	0	0	59
	FY2001 TOTAL	**65,073**	**66,553**	**131,626**	**9,350**	**915**	**2,818**	**13,083**
		FY 2002						
RL-ER05	Environmental Restoration Surveillance and Maintenance	70,363	81,259	151,622	10,694	1,581	1,819	14,094
RL-ER07	Environmental Restoration Long Term Surveillance and Mai	537	46	583	50	0	0	50
	FY2002 TOTAL	**70,900**	**81,305**	**152,205**	**10,744**	**1,581**	**1,819**	**14,144**
		FY 2003						
RL-ER05	Environmental Restoration Surveillance and Maintenance	66,310	75,969	142,279	10,310	1,487	1,941	13,737
RL-ER07	Environmental Restoration Long Term Surveillance and Mai	537	46	584	51	0	0	51
	FY2003 TOTAL	**66,847**	**76,016**	**142,862**	**10,361**	**1,487**	**1,941**	**13,788**

Surveillance/Maintenance and Transition Projects

October 1, 2000

FY 2001 AREA BASELINE EXPENDITURE FORECAST (EM-40 Only)

(Dollars in Thousands)



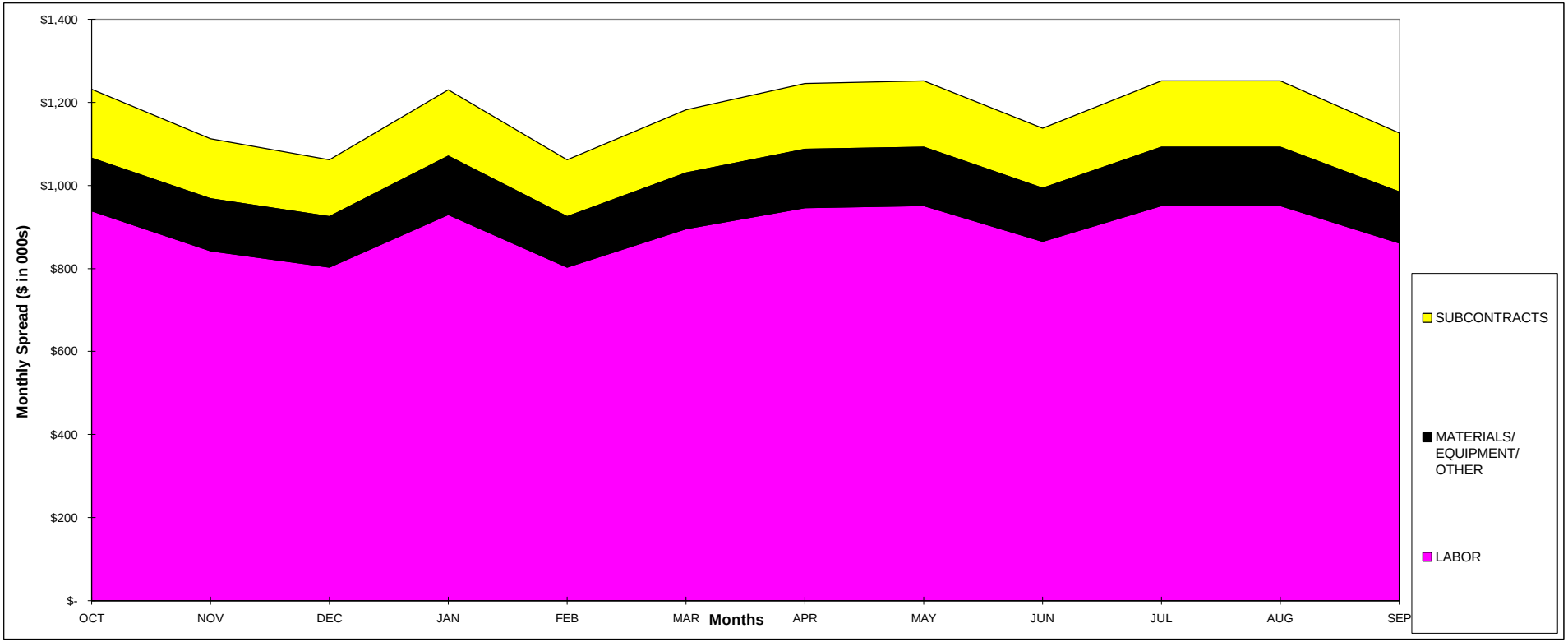
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 926	$ 721	$ 1,009	$ 833	$ 718	$ 771	$ 926	$ 705	$ 656	$ 763	$ 618	$ 705	$ 9,350
MATERIALS/ EQUIPMENT/ OTHER	$ 39	$ 44	$ 118	$ 121	$ 103	$ 84	$ 88	$ 81	$ 75	$ 59	$ 49	$ 53	$ 915
SUBCONTRACTS	$ 408	$ 71	$ 158	$ 249	$ 186	$ 114	$ 957	$ 189	$ 165	$ 129	$ 98	$ 93	$ 2,818
BUDGET CURRENT	$ 1,373	$ 837	$ 1,285	$ 1,202	$ 1,006	$ 970	$ 1,971	$ 975	$ 897	$ 951	$ 765	$ 851	$ 13,083
BUDGET BASELINE (DWP)	$ 1,373	$ 837	$ 1,285	$ 1,202	$ 1,006	$ 970	$ 1,971	$ 975	$ 897	$ 951	$ 765	$ 851	$ 13,083
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 1,373	$ 837	$ 1,285	$ 1,202	$ 1,006	$ 970	$ 1,971	$ 975	$ 897	$ 951	$ 765	$ 851	$ 13,083
CUMULATIVE EAC	$ 1,373	$ 2,210	$ 3,495	$ 4,698	$ 5,704	$ 6,674	$ 8,645	$ 9,620	$ 10,516	$ 11,467	$ 12,232	**$ 13,083**	$ 13,083

Surveillance/Maintenance and Transition Projects

October 1, 2000

FY 2002 AREA BASELINE EXPENDITURE FORECAST (EM-40 Only)

(Dollars in Thousands)



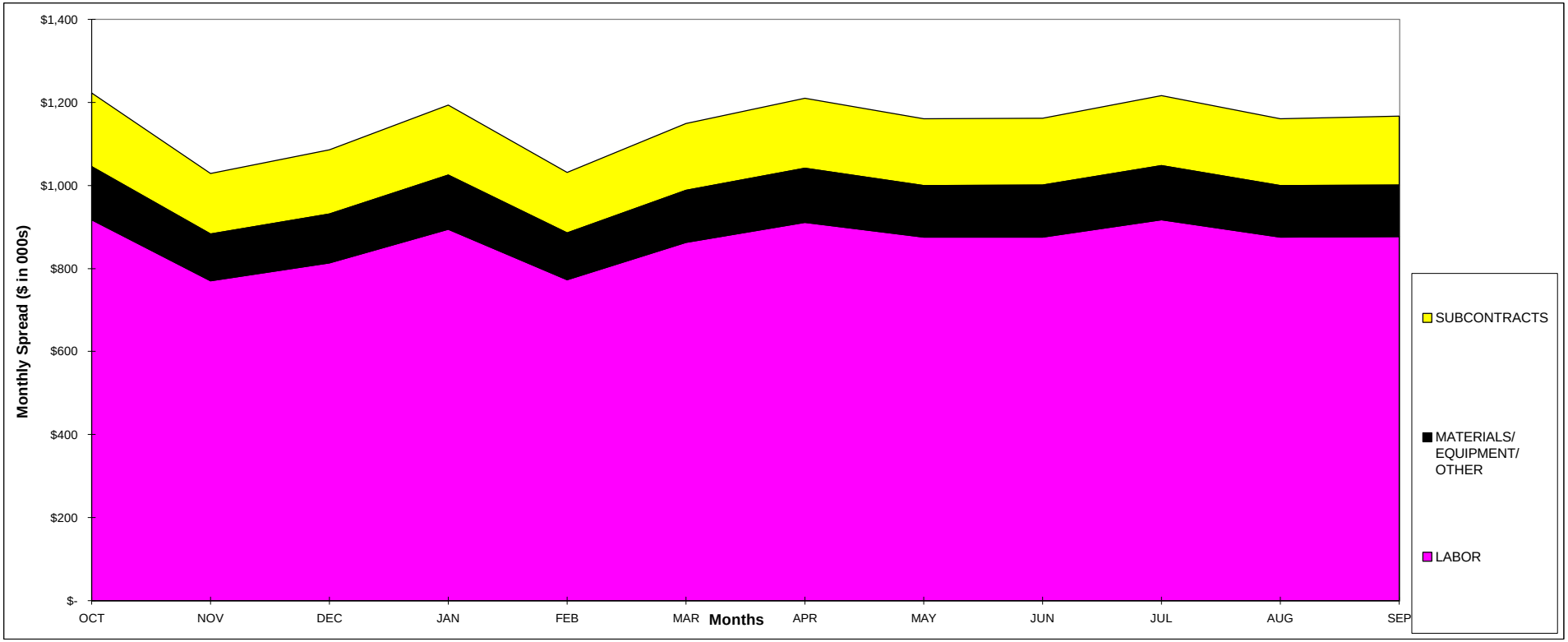
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 939	$ 842	$ 803	$ 930	$ 803	$ 896	$ 946	$ 952	$ 866	$ 952	$ 952	$ 861	$ 10,744
MATERIALS/ EQUIPMENT/ OTHER	$ 126	$ 126	$ 121	$ 141	$ 121	$ 134	$ 141	$ 141	$ 128	$ 141	$ 141	$ 123	$ 1,581
SUBCONTRACTS	$ 166	$ 145	$ 137	$ 159	$ 137	$ 152	$ 159	$ 159	$ 145	$ 159	$ 159	$ 142	$ 1,819
BUDGET CURRENT	$ 1,231	$ 1,113	$ 1,062	$ 1,230	$ 1,062	$ 1,182	$ 1,246	$ 1,251	$ 1,138	$ 1,251	$ 1,251	$ 1,126	$ 14,144
BUDGET BASELINE (DWP)	$ 1,231	$ 1,113	$ 1,062	$ 1,230	$ 1,062	$ 1,182	$ 1,246	$ 1,251	$ 1,138	$ 1,251	$ 1,251	$ 1,126	$ 14,144
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 1,231	$ 1,113	$ 1,062	$ 1,230	$ 1,062	$ 1,182	$ 1,246	$ 1,251	$ 1,138	$ 1,251	$ 1,251	$ 1,126	$ 14,144
CUMULATIVE EAC	$ 1,231	$ 2,344	$ 3,406	$ 4,636	$ 5,698	$ 6,880	$ 8,126	$ 9,377	$ 10,515	$ 11,767	$ 13,018	**$ 14,144**	$ 14,144

Surveillance/Maintenance and Transition Projects

October 1, 2000

FY 2003 AREA BASELINE EXPENDITURE FORECAST (EM-40 Only)

(Dollars in Thousands)



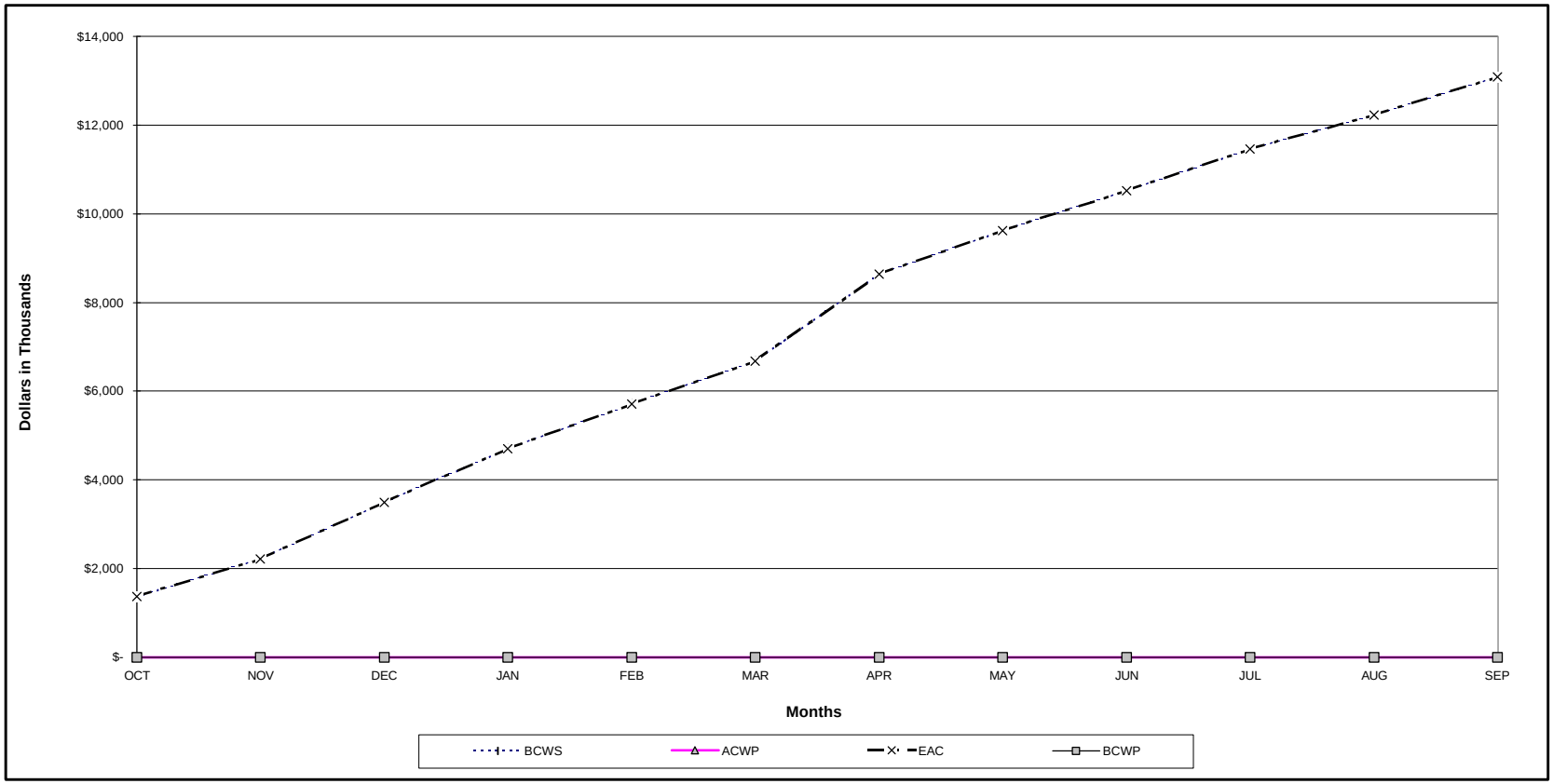
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 917	$ 771	$ 813	$ 894	$ 772	$ 863	$ 911	$ 875	$ 876	$ 917	$ 875	$ 876	$ 10,361
MATERIALS/ EQUIPMENT/ OTHER	$ 128	$ 112	$ 119	$ 131	$ 113	$ 125	$ 131	$ 125	$ 125	$ 131	$ 125	$ 124	$ 1,487
SUBCONTRACTS	$ 177	$ 146	$ 154	$ 169	$ 146	$ 161	$ 169	$ 161	$ 161	$ 169	$ 161	$ 167	$ 1,941
BUDGET CURRENT	$ 1,222	$ 1,029	$ 1,085	$ 1,194	$ 1,031	$ 1,149	$ 1,211	$ 1,161	$ 1,162	$ 1,216	$ 1,161	$ 1,167	$ 13,788
BUDGET BASELINE (DWP)	$ 1,222	$ 1,029	$ 1,085	$ 1,194	$ 1,031	$ 1,149	$ 1,211	$ 1,161	$ 1,162	$ 1,216	$ 1,161	$ 1,167	$ 13,788
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 1,222	$ 1,029	$ 1,085	$ 1,194	$ 1,031	$ 1,149	$ 1,211	$ 1,161	$ 1,162	$ 1,216	$ 1,161	$ 1,167	$ 13,788
CUMULATIVE EAC	$ 1,222	$ 2,251	$ 3,336	$ 4,530	$ 5,561	$ 6,710	$ 7,921	$ 9,082	$ 10,243	$ 11,460	$ 12,621	**$ 13,788**	$ 13,788

Surveillance/Maintenance and Transition Projects

October 1, 2000

FY 2001 AREA PERFORMANCE GRAPH (EM-40 Only)

(Dollars in Thousands)

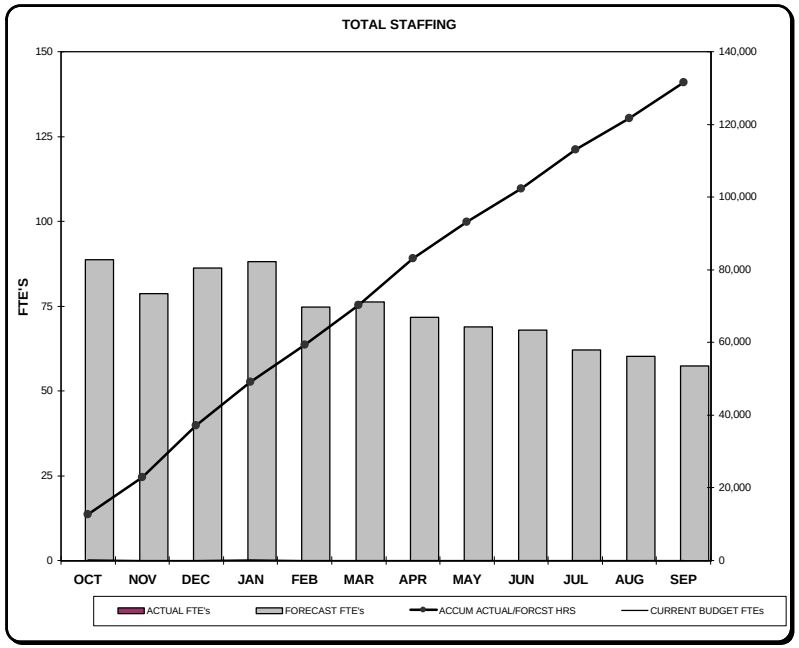


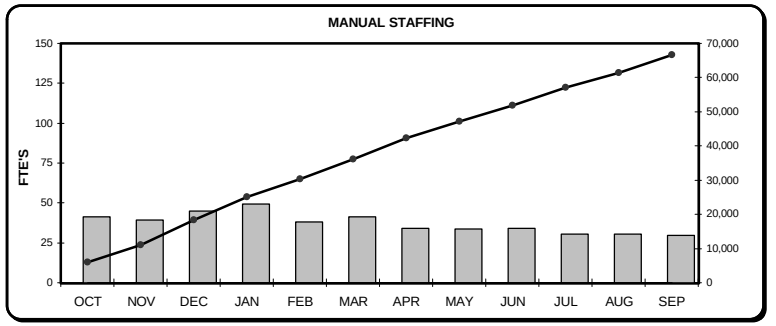
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
FY-01 DWP (10/01/2000)	$ 1,373	$ 837	$ 1,285	$ 1,202	$ 1,006	$ 970	$ 1,971	$ 975	$ 897	$ 951	$ 765	$ 851	**$ 13,083**
CURRENT PERIOD													
BCWS	$ 1,373	$ 837	$ 1,285	$ 1,202	$ 1,006	$ 970	$ 1,971	$ 975	$ 897	$ 951	$ 765	$ 851	**$ 13,083**
BCWP	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
ACWP	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
ETC	$ 1,373	$ 837	$ 1,285	$ 1,202	$ 1,006	$ 970	$ 1,971	$ 975	$ 897	$ 951	$ 765	$ 851	**$ -**
CUMULATIVE/YEAR TO DATE													
BCWS	$ 1,373	$ 2,210	$ 3,495	$ 4,698	$ 5,704	$ 6,674	$ 8,645	$ 9,620	$ 10,516	$ 11,467	$ 12,232	**$ 13,083**	
BCWP	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	
ACWP	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	
EAC	$ 1,373	$ 2,210	$ 3,495	$ 4,698	$ 5,704	$ 6,674	$ 8,645	$ 9,620	$ 10,516	$ 11,467	$ 12,232	**$ 13,083**	

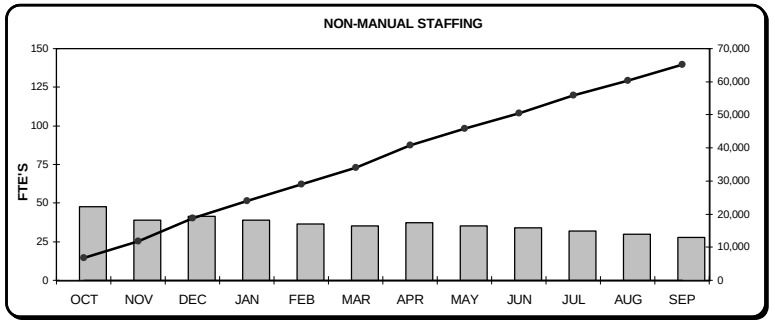
Surveillance/Maintenance and Transition Projects

October 1, 2000

FY 2001 AREA STAFFING PLAN







	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Realization
TOTAL STAFFING													
ACTUAL FTE's	-	-	-	-	-	-	-	-	-	-	-	-	
FORECAST FTE's	88.6	78.6	86.2	88.1	74.6	76.2	71.7	68.9	68.0	62.2	60.2	57.4	**73.0**
MONTHLY ACTUAL/FORCST HRS	12764	10144	14241	11978	10150	10976	12913	9925	9249	10689	8670	9927	**131626**
ACCUM ACTUAL/FORCST HRS	12764	22908	37149	49127	59277	70253	83166	93091	102339	113028	121698	131626	
CURRENT BUDGET FTEs	88.6	78.6	86.2	88.1	74.6	76.2	71.7	68.9	68.0	62.2	60.2	57.4	
MANUAL STAFFING													
ACTUAL FTE's	-	-	-	-	-	-	-	-	-	-	-	-	
FORECAST FTE's	41.2	39.5	44.8	49.2	38.0	41.2	34.3	33.6	34.0	30.4	30.4	29.7	**36.9**
MONTHLY ACTUAL/FORCST HRS	5925	5093	7395	6690	5172	5932	6171	4831	4618	5222	4372	5133	**66553**
ACCUM ACTUAL/FORCST HRS	5925	11018	18413	25103	30275	36206	42377	47208	51826	57048	61421	66553	
CURRENT BUDGET FTEs	41.2	39.5	44.8	49.2	38.0	41.2	34.3	33.6	34.0	30.4	30.4	29.7	
NON-MANUAL STAFFING													
ACTUAL FTE's	-	-	-	-	-	-	-	-	-	-	-	-	
FORECAST FTE's	47.5	39.1	41.4	38.9	36.6	35.0	37.5	35.4	34.1	31.8	29.8	27.7	**36.1**
MONTHLY ACTUAL/FORCST HRS	6839	5051	6846	5288	4978	5045	6742	5094	4631	5467	4298	4795	**65073**
ACCUM ACTUAL/FORCST HRS	6839	11890	18736	24024	29002	34047	40789	45883	50513	55980	60278	65073	
CURRENT BUDGET FTEs	47.5	39.1	41.4	38.9	36.6	35.0	37.5	35.4	34.1	31.8	29.8	27.7	

Surveillance/Maintenance and Transition Projects

October 1, 2000

FY 2001 AREA BASELINE STAFFING FORECAST BY RESOURCE

[Reflects $13.1M Budget Scope]

Labor Resource	FY 2001 Total Hours	FY 2001 FTE's OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Total Realized
Non-Bargaining Labor														
BHI														
21700 PLANNING & CONTROLS	5,518	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
31750 ENVIRONMENTAL LEADS	270	0.6	0.1	0.1	0.2	0.3	0.1	0.1	0.2	0.2				0.2
31751 SAMPLE AND DATA MANAGMENT	15	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31752 ENVIRONMENTAL SPECIALISTS	1,610	0.7	0.6	0.6	0.6	0.6	0.5	1.1	1.6	1.5	1.1	1.0	0.9	0.9
31754 REGULATORY SUPPORT	338	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
32711 DESIGN ENG - PROJECT ENGINEERS	1,272	0.9	0.6	0.8	0.7	0.7	0.9	0.9	0.8	0.6	0.6	0.5	0.4	0.7
32712 DESIGN ENG - E&T TASK LEADS	767	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
32721 DESIGN ENG - ENGINEERS	6,432	5.9	4.0	3.9	3.1	3.9	3.9	4.0	3.5	3.1	2.8	2.6	2.4	3.6
32727 DESIGN ENG - NUCLEAR/SAFETY ANALY	6,239	4.8	2.9	4.2	4.7	4.6	3.1	3.5	3.2	2.8	3.3	2.8	1.9	3.5
35700 COMPLIANCE AND QUALITY PROGRAMS	808	0.4	0.3	0.3	0.7	0.4	0.4	0.7	0.4	0.4	0.7	0.4	0.3	0.5
41700 PROCUREMENT	517	0.5	0.1	0.6	0.3	0.3	0.1	0.4	0.3	0.3	0.1	0.1	0.1	0.3
51700 PROJECT MANAGEMENT	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53700 FIELD SUPPORT MANAGEMENT	1,599	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
53710 FIELD SUPPORT - CRAFT SUPERVISION	5,180	2.8	3.0	3.2	3.7	3.3	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.9
53720 FIELD SUPPORT ENGINEERING	20,058	13.0	13.2	13.0	11.3	11.2	11.1	11.2	10.8	10.1	9.8	9.8	9.5	11.1
53740 FIELD SUPPORT - SUBCONTRACT STR	291	0.4	0.0	0.1	0.7		0.3			0.7				0.2
53750 FIELD SUPPORT WASTE MANAGEMENT	2,210	2.0	1.7	1.5	1.8	1.1	0.9	1.5	1.2	1.0	0.8	0.7	0.7	1.2
54700 FACILITIES AND OFFICE SERVICES	251	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
55700 ADMINISTRATIVE SUPPORT SERVICES	1,668	0.7	0.7	0.9	0.9	0.7	1.2	1.2	1.1	1.1	1.1	0.7	0.6	0.9
58710 SAFETY AND HEALTH PROGRAM SUPPO	547	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.3
58722 S&H RADCON ENGINEER	2,089	2.3	2.1	1.1	1.2	1.2	1.1	1.1	0.9	0.8	0.8	0.8	0.7	1.2
58723 S&H RADCON H.P./SUPPORT SERVICES	250	0.4	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
58731 S&H INDUSTRIAL HYGIENE	142	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
58733 S&H INDUSTRIAL SAFETY	1,008	0.8	0.7	0.7	0.6	0.6	0.5	0.7	0.5	0.5	0.4	0.4	0.4	0.6
58740 S&H QUALITY SERVICES	785	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.3	0.3	0.4
BHI	**59,904**	**42.1**	**35.8**	**37.2**	**36.0**	**34.4**	**32.7**	**34.9**	**32.5**	**31.0**	**29.7**	**27.8**	**25.9**	**33.2**
CHI														
31C53 REG SUPPORT AND ENVIRON SCIENCE	497	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.8	0.4	0.4	0.3	0.3
31C62 DESIGN ENGINEERING	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31C64 CADD	214	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31C74 ANALYTICAL FIELD SERVICES	761	0.9	0.4	1.5	0.6	0.1	0.4	0.1	0.2	0.4	0.1	0.1	0.1	0.4
31C75 SAMPLE AND DATA MANAGEMENT	660	1.1	0.3	0.6	0.3	0.3	0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.4
31C76 D&D CHARACTERIZATION AND PLANNIN	743	1.1	1.0	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.4
31C90 MANAGEMENT - ENVIRON SCIENCE AND	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI	**2,885**	**3.3**	**1.8**	**2.9**	**1.6**	**1.0**	**1.1**	**1.4**	**1.7**	**1.9**	**1.0**	**0.9**	**0.8**	**1.6**
THI														
58T21 S&H RADCON SUPERVISOR	2,190	2.0	1.5	1.3	1.3	1.2	1.2	1.1	1.0	1.1	1.0	1.0	1.0	1.2
58T23 S&H RADCON H.P./SUPPORT SERVICE	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58T31 S&H INDUSTRIAL HYGIENE	24	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58T33 S&H INDUSTRIAL SAFETY	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58T50 S&H RADIO CHEMISTRY	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THI	**2,283**	**2.1**	**1.6**	**1.3**	**1.3**	**1.2**	**1.2**	**1.1**	**1.1**	**1.2**	**1.1**	**1.1**	**1.1**	**1.3**
Non-Bargaining Labor	**65,073**	**47.5**	**39.1**	**41.4**	**38.9**	**36.6**	**35.0**	**37.5**	**35.4**	**34.1**	**31.8**	**29.8**	**27.7**	**36.1**
Bargaining Labor														
BHI														
10710 HAMTC CARPENTERS	2,015	1.0	2.5	2.2	1.2	0.7	0.9	1.1	1.2	0.7	0.7	0.7	0.7	1.1
10712 HAMTC POWER OPERATORS	1,353	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
10713 HAMTC HEAVY EQUIPMENT OPERATOR	2,391	0.9	1.0	1.6	3.4	2.3	2.2	0.8	0.8	0.8	0.8	0.8	0.8	1.3
10714 HAMTC CRANE OPERATORS	663	0.8	0.6	0.6	0.6	0.2	0.2	0.5	0.4	0.2	0.2	0.2	0.2	0.4
10715 HAMTC D & D WORKERS	11,824	7.2	6.9	6.8	8.6	7.1	6.7	6.1	7.4	7.5	5.3	5.2	4.9	6.6
10716 HAMTC ELECTRICIANS	2,964	1.8	1.9	1.9	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
10718 HAMTC HEAVY DRIVERS	6,281	3.1	3.0	3.8	6.8	5.2	5.9	2.5	2.4	2.4	2.5	2.5	2.5	3.5
10721 HAMTC INSULATORS	614	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10723 HAMTC MATERIAL COORDINATORS	210	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10724 HAMTC MILLWRIGHTS	1,768	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	0.9	1.0
10728 HAMTC NUCLEAR PROCESS OPERATOR	10,469	6.4	5.9	7.9	7.4	5.3	5.6	5.3	5.2	5.7	5.2	5.2	5.0	5.8
10729 HAMTC PAINTERS	653	0.3	0.6	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
10730 HAMTC PIPEFITTERS	537	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10734 HAMTC RIGGERS	594	0.2	0.3	0.5	0.5	0.2	0.2	0.4	0.7	0.2	0.2	0.2	0.2	0.3
10737 HAMTC INSTRUMENT SPECIALISTS	2,820	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
BHI	**45,155**	**25.7**	**26.7**	**30.2**	**34.8**	**26.9**	**27.6**	**22.8**	**23.9**	**23.3**	**20.7**	**20.6**	**20.0**	**25.1**
THI														
10T25 HAMTC RAD CON TECHNICIANS	20,665	15.1	12.2	13.9	14.1	10.7	13.2	11.1	9.4	10.3	9.4	9.5	9.3	11.5
10T26 HAMTC INSTRUMENT SPECIALISTS	224	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10T27 HAMTC INDUSTRIAL HYGIENE TECHNICI	508	0.3	0.4	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
THI	**21,398**	**15.5**	**12.7**	**14.6**	**14.4**	**11.1**	**13.6**	**11.5**	**9.7**	**10.7**	**9.7**	**9.8**	**9.7**	**11.9**
Bargaining Labor	**66,553**	**41.2**	**39.5**	**44.8**	**49.2**	**38.0**	**41.2**	**34.3**	**33.6**	**34.0**	**30.4**	**30.4**	**29.7**	**36.9**
Surveillance/Maintenance and Transitio	**131,626**	**88.6**	**78.6**	**86.2**	**88.1**	**74.6**	**76.2**	**71.7**	**68.9**	**68.0**	**62.2**	**60.2**	**57.4**	**73.0**

SUPPLEMENTAL FUNDING PLAN

Project Priority	Outcomes (R-River, P-Plateau, M-Multi)	CA No.	Description of Work	Impact if Not Funded	Supplemental Requirements ($K Impacted)		
					FY01	FY02	FY03
1	P	UE1101	221-U Plant Canyon Roof Repair - Phase II	Needed to prevent potential spread of contamination and damage to electrical components due to deteriorated leaking roof.	$200		
1	P	PJ1401	U Plant Railroad Cut	Need to work toward downgrading area to URM to mitigate potential spread of contamination and to improve S&M efficiencies.	$244		
1	P	PJ1401	291-U Stack	Need to work toward downgrading area to URM to mitigate potential spread of contamination and to improve S&M efficiencies.	$277		
1	P	PJ1401	Interim Stabilization of B Plant Retired Filter Area	Need to work toward downgrading area to URM to mitigate potential spread of contamination and to improve S&M efficiencies.	$345		
1	P	UE1105	Hexone Tanks Interim Stabilization Action	If ahead of schedule, the S&M Project Team will initiate mitigation actions in FY01. Current schedule shows mitigation actions in FY02.	$750 ROM		
1	P	PJ1401	Interim Stabilization of Purex E-Field	Push out to next fiscal year. Original plan was to complete in FY01, now in FY03.		$365	
1	P	PJ1401	Interim Stabilization of 211-U Tank Farm Area	Push out to next fiscal year. Original plan was to complete in FY01, now in FY03.		$194	

Surveillance/Maintenance and Transition Projects

October 1, 2000

Project Priority	Outcomes (R-River, P-Plateau, M-Multi)	CA No.	Description of Work	Impact if Not Funded	Supplemental Requirements ($K Impacted)		
					FY01	FY02	FY03
1	P	PJ1401	B/C Control Area and 100K Area SCA changes to include fencing, signage and related labor	Non-compliance with the following: • BHI-RC-02, 6.2: Soil Contamination Area Program • BHI-RC-04, 6.2: Posting Radiological Areas • BHI-RC-04, App. A: Radiological Signs • DOE G 441.1-10, DOE Implementation Guide, "Posting and Labeling for Radiological Control Guide."	$300 ROM		
2	P	UE1105	195-S Sump Liquid Removal	Potential loss of contamination control, i.e., seepage in to the sand filter.	$229		
2	P	UE1103	Canyon Disposition Initiative (CDI) – ROD	CDI ROD decision will be delayed until late FY02.	$230		
5	R	UB1102	165KW Mercury Cleanup	To eliminate a potential hazard.	$35		
			Total		$2,610	$559	

DESCRIPTION

OBJECTIVE

The Hanford Site contains many surplus facilities remaining from past plutonium production activities that were required by the Department of Defense from World War II through the Cold War. These surplus facilities are now aged and deteriorating. Because these facilities no longer have a production mission, they must be either maintained (to preserve the building integrity) or removed to (1) preclude the escape of potentially hazardous substances into the accessible environment, or (2) prevent unacceptable industrial safety risks.

The Surveillance and Maintenance (S&M) organization is composed of the following four major elements:

The S&M organization is composed of the following four major areas:

RARA

- Interim Stabilization
- Herbicide Applications.

100 Area IFS&M

- 100 Area S&M
- 100 Area Risk Assessment
- B Reactor
- 100 N Area S&M.

200 Area IFS&M

- 200 Area S&M
- Facility Transition
- 200 Area CDI
- 200 Area Risk Assessment
- Nuclear Facility Support
- Risk Reduction Planning
- PUREX S&M
- B Plant S&M.

300 Area IFS&M

- 300 Area S&M.

TECHNICAL CONTENT

RARA

RARA involves the management of inactive waste sites in order to minimize any spread of surface soil contamination and to maintain compliance with regulatory requirements. Work is coordinated to support the overall goals of characterization and cleanup of the Hanford Site. The active waste sites include unplanned release sites, cribs, trenches, ponds, and burial grounds. The waste sites are located in the 100, 200, 300, and 600 Areas of the Hanford Site.

100 Area S&M

100 Area S&M: Includes implementation of routine S&M of reactor and ancillary facilities in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards by maintaining surplus, inactive facilities until final disposition.

100 Area Risk Assessment: Includes corrective maintenance actions (over and above the routine S&M actions) needed to maintain surplus facilities in a safe condition until final disposition. In parallel with S&M, the risk assessment/corrective maintenance program performs vital corrective maintenance actions in the surplus facilities. Examples of corrective maintenance activities include electrical upgrades, fall protection upgrades, and roof repair or replacement. These activities limit risks to personnel by removing the problem areas. Isolation of hazardous areas also reduces risk by limiting the opportunities for personnel to be in the proximity of the risk areas, except for infrequent surveillances.

B Reactor: Includes preparation of an EE/CA and action memorandum with public involvement, public tours, development of a LRP, and hazards mitigation actions before and after EE/CA alternative determination.

100 N Area S&M: Includes implementation of routine S&M (on an as-needed basis) of the N Reactor Area to ensure that hazardous materials are maintained at prescribed safe levels until the N Reactor complex is ready for final disposition.

200 Area S&M

200 Area S&M: Includes routine S&M of the inactive processing (canyon) and support facilities in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards by maintaining surplus, inactive facilities until final disposition.

Facility Transition: Includes EPC development for the transition of facilities to long-term S&M. EPC are developed through a graded approach and are dependent on facility size, complexity, condition, and hazards that are present.

200 Area CDI: Main objective is to reach a ROD on the final disposition of the five chemical processing facilities (canyons) at the Hanford Site. The U Plant Canyon facility is being studied as a pilot for all the canyon facilities.

200 Area Risk Assessment: Includes corrective maintenance actions (over and above the routine S&M actions) needed to maintain surplus facilities in a safe condition until final disposition.

Nuclear Facilities Support: Includes activities that support facilities with a nuclear classification in an inactive facility mode.

Risk Reduction Planning: Includes planning actions to mitigate risks associated with long-term S&M. This activity identifies and reduces chemical hazards identified through the Chemical Hazards Analysis Program.

PUREX S&M: Includes S&M of the PUREX facility complex in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards until the PUREX Canyon and ancillary facilities can be fully decommissioned.

B Plant S&M: Includes S&M of the B Plant facility complex in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards until the B Plant Canyon and ancillary facilities can be fully decommissioned.

300 Area S&M

IFS&M includes S&M of the 308 and 308-A facilities in accordance with applicable laws and regulations in order to eliminate potential environmental, human health, and safety hazards until final deposition.

WORK STATEMENT

The purpose of the S&M function is to ensure adequate containment of contamination; minimize spread of contamination; provide physical safety and security controls; maintain the inactive facilities in a manner that will minimize potential hazards to the public and workers; maintain systems/equipment that will be essential for S&M activities in a safe shutdown mode; and ensure compliance with applicable environmental, safety, health, and safeguards/security requirements.

Operable Unit(s): N/A

FY01

Major FY01 work activities include the following:

FY01 DWP Requirements

- Ongoing RARA surveillance, monitoring, and herbicide application activities
- Interim stabilization of two CAs, the 216-B-64 and 216-A-42 Retention Basins
- Preparation of the annual RARA report for FY00
- Continued S&M of 100, 200, 300 Areas (S&M of F, D, and DR Reactors will be performed by the ISS Project)
- Sealing of passive vents identified during FY00
- Sealing of exterior ductwork at B Reactor

- 212-R/212-N roof repair
- 212-N hood removal and disposal
- Structural inspection of the 190-KW expansion joint
- 224 B annual roof inspection
- Near-field monitoring at 100 N Area
- Limited support to EPC development for facilities located in the 100, 200, and 300 Areas. (No new facilities will be transferred to and/or from the ERC)
- Preparation/finalization of the Phase III feasibility study and proposed draft plan for the CDI in support of a ROD
- Asbestos abatement in the 100 and 200 Areas
- Preparation of an engineering evaluation for hexone stabilization options
- Completion of planned updates to nuclear safety documentation
- Development of an IMUST interim storage strategy
- Routine S&M of PUREX and B Plant (funds to repair the canyon roofs will be incremental)
- Preparation and issuance of the 308 Building semi-annual report.

Refer to the individual ER05 scoping statements for planned work scope detail.

FY02

Major FY02 work activities include the following:

- Ongoing RARA surveillance, monitoring, and herbicide application activities
- Interim stabilization of two CAs
- Revegetation in H and D remediation areas
- Continued S&M of 100, 200, and 300 Area inactive facilities
- Hazards mitigation at the B Reactor
- Public tours
- Completion of the hexone tanks interim stabilization action
- Submittal of the ROD for CDI preferred alternative to RL/regulators
- Planned updates to various ERC nuclear documentation
- Routine S&M of PUREX and B Plant.

FY03

Major FY03 work activities include the following:

- Continue RARA surveillance, monitoring, and herbicide application activities
- Complete interim stabilization of three CAs
- Continue S&M of 100, 200, and 300 Area inactive facilities
- Continue mitigation of hazards at the B Reactor
- Complete planned updates to SARs and ASAs
- Continue long-term post-remediation surveillance and monitoring.

ASSUMPTIONS

RARA

- Interim stabilization of two CAs will be completed in FY01.
- No new waste sites will be assigned to the ERC in FY01.
- Onsite borrow pits will provide requisite clean fill for CA interim stabilization.
- Notices of construction will not be required for CA stabilization.
- Herbicide materials will be purchased by the ERC, with storage and application to be subcontracted. Personnel and equipment requirements will be provided by FH.

100 Area IFS&M

100 Area S&M, Risk Assessment, B Reactor and 100 N Area S&M:

- 100 Area facility S&M will be performed at the C (outside only), H, KE/KW, N, and B Reactors. The C Reactor facility interior will be surveilled starting in FY03 and every 5 years thereafter.
- Facility S&M of F, D, and DR Reactors, if required, will be performed by the ISS Project.
- No major repairs are identified for any of the reactor areas.
- Categorization of S&M facilities will not change in FY01.
- In parallel with S&M, required risk assessment/corrective maintenance actions will be performed on reactor facilities located in the 100 Area.
- Funding to cover any modifications to the 100 Area reactors (Russian/U.S. Treaty Monitoring) is not included.
- For B Reactor exterior duct sealing, assume SHPO and B Museum approval by January 1, 2001.
- The B Reactor EE/CA will be submitted to RL/regulators in FY01 (hazards mitigation identified in the Phase II feasibility assessment report).

200 Area IFS&M

200 Area S&M, Risk Assessment/PUREX/B Plant:

- 200 Area facility S&M will be performed at REDOX (excluding the 233-S Plutonium Concentration Facility funded by the 233-S Project), U Plant/UO3, 224-B, PUREX (excluding tunnel and railroad cut stabilization), and B Plant.
- No new facilities will be transitioned to and/or from the ERC in FY01.
- In parallel with S&M, requisite risk assessment/corrective maintenance actions will be performed.
- Funds to repair the PUREX and B Plant Canyon roofs will be incremental and, as such, are in addition to project budget.

Facility Transition: Support development and verification of EPC for various facilities located in the 100, 200, and 300 Areas.

CDI:

- The U Plant crane will not require major repairs (greater than $10K or 3 days).
- Tank 5-6 will be characterized during FY01 and incorporated into the feasibility study.
- Only Cell 31 in U Plant will be re-opened for sampling.
- Aspects of the PA will be part of the risk assessment, and a crosswalk will be submitted to HQ for approval.

Nuclear Facility Support/Risk Reduction Planning:

- Final B Plant SAR implementation will be performed within 120 days of BHI acceptance of ventilation repairs on August 9, 2000.
- Annual SAR updates are planned for REDOX, U Plant, 224-B, B Plant, and 200-N.

300 Area IFS&M

- 300 Area Facility S&M will be performed at the 308 and 308-A facilities in the 300 Area.
- No major asbestos abatement or major repairs are identified within the 3-year DWP window.
- No new 300 Area facilities will be transitioned to the ERC in FY01.
- A beryllium survey will not be required.

Prepared By:	M. K. Sakach
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Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

1.4.10.1.2.05 ER05 Environmental Restoration Surveillance and Maintenance
1.4.10.1.2.05.01 Surveillance and Maintenance

1.4.10.1.2.05.01.01 PJ RARA

1.4.10.1.2.05.01.01.01 PJ1 RARA Common

1.4.10.1.2.05.01.01.01.34 PJ14 RARA Common Interim Remedial Action

1.4.10.1.2.05.01.01.01.34.01 PJ1401 RARA Interim Stabilization

E116F2 116-F- 2 S&M
E116F22W14 CORRECTIVE ACTIONS

E116KE 107KE/KW PIPE S&M
E116KE5240 ECOLOGICAL AND CULTURAL RESOURCE REVIEW

E120KF KE/KW ACID TANKS AND SUPPORTING STRUCTURES S&M
E120KF2W14 CORRECTIVE ACTIONS

E1SEP0 100 AREA SEPTIC SYSTEMS
E1SEP02W14 CORRECTIVE ACTIONS

E200BE 200 BC CONTROL AREA
E200BE1B80 PROJECT DATA QUALITY OBJECTIVES PLANNING AND IMPLEMENTATION

E202A0 PUREX RARA (E FIELD)
E202A02W14 CORRECTIVE ACTIONS

E211U0 211-U TANK FARM
E211U02W14 CORRECTIVE ACTIONS

E221U0 221-U PROCESS CANYON
E221U02W14 CORRECTIVE ACTIONS

E241SM 276, 241CX, 242CX SEMI WORKS COMPLEX
E241SM2W14 CORRECTIVE ACTIONS

E26A42 216-A-42 RETENTION BASIN
E26A422W14 CORRECTIVE ACTIONS

E26B64 216-B-64 RETENTION BASIN
E26B642W14 CORRECTIVE ACTIONS

E276S1 276-S-141 HEXONE STOR. TANK
E276S12W14 CORRECTIVE ACTIONS

E291B1 B PLANT STACK AREA
E291B12W14 CORRECTIVE ACTIONS

E291U1 291-U-1 STACK
E291U12W14 CORRECTIVE ACTIONS

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

ERASTB RARA STABILIZATION

ERASTB2W12	ROUTINE RADIOLOGICAL SURVEYS
ERASTB2W14	CORRECTIVE ACTIONS
ERASTB2W17	WASTE MANAGEMENT/DISPOSAL
ERASTB2W1B	ENGINEERING AND DATA MANAGEMENT
ERASTB6710	SAMPLE COLLECTION (GAS, LIQUID, SOLID)
ERASTBY110	MANAGEMENT
ERASTBY120	SUPERVISION
ERASTBY220	ADMINISTRATIVE SUPPORT
ERASTBY440	MANAGEMENT ASSESSMENT & SUPPORT
ERASTBY4A0	FIELD ENGINEERING
ERASTBYH10	STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
ERASTBYH80	DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
ERASTBYN70	BASELINE MANAGEMENT & CHANGE CONTROL
ERASTBYN80	DETAILED WORK PLAN
ERASTBYN90	PROJECT PLANNING, SCHEDULING & COST CONTROL
ERASTBYNA0	PROJECT ESTIMATES & VALIDATIONS
ERASTBYND0	PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

EREDOX REDOX BUILDING

EREDOX2W14	CORRECTIVE ACTIONS

1.4.10.1.2.05.01.01.01.34.02 PJ1402 S&M/Herbicide Application

ERAHRB RARA HERBICIDE

ERAHRB2W11	SURVEILLANCE & INSPECTION
ERAHRB2W12	ROUTINE RADIOLOGICAL SURVEYS
ERAHRB2W13	MAINTENANCE & REVEGATATION
ERAHRB2W14	CORRECTIVE ACTIONS
ERAHRB2W15	HERBICIDE & PESTICIDE
ERAHRB2W17	WASTE MANAGEMENT/DISPOSAL
ERAHRB2W1J	S&M PASSIVE VENTILATION
ERAHRBY110	MANAGEMENT
ERAHRBY120	SUPERVISION
ERAHRBY220	ADMINISTRATIVE SUPPORT
ERAHRBY440	MANAGEMENT ASSESSMENT & SUPPORT
ERAHRBY4A0	FIELD ENGINEERING
ERAHRBYF60	SAFETY ENGINEER
ERAHRBYFB0	QUALITY PROGRAM
ERAHRBYH10	STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
ERAHRBYH80	DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
ERAHRBYN70	BASELINE MANAGEMENT & CHANGE CONTROL
ERAHRBYN80	DETAILED WORK PLAN
ERAHRBYN90	PROJECT PLANNING, SCHEDULING & COST CONTROL
ERAHRBYNA0	PROJECT ESTIMATES & VALIDATIONS
ERAHRBYND0	PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

1.4.10.1.2.05.01.02 UB 100 Area Inactive Facility S&M

1.4.10.1.2.05.01.02.01 UB1 100 Area S&M

1.4.10.1.2.05.01.02.01.41 UB11 100 Area S&M Assessment

1.4.10.1.2.05.01.02.01.41.01 UB1101 100 Area S&M

B100SM 100 SURVEILLANCE & MAINTENANCE

B100SM2W12 ROUTINE RADIOLOGICAL SURVEYS
B100SM2W17 WASTE MANAGEMENT/DISPOSAL
B100SM2W1H REGULATORY SUPPORT ACTIVITIES
B100SM2W21 SURVEILLANCE & INSPECTION
B100SM2W22 MAINTENANCE
B100SM2W24 MAJOR REPAIRS
B100SM2W28 WASTE MANAGEMENT/DISPOSAL
B100SMY110 MANAGEMENT
B100SMY120 SUPERVISION
B100SMY220 ADMINISTRATIVE SUPPORT
B100SMY440 MANAGEMENT ASSESSMENT & SUPPORT
B100SMY4A0 FIELD ENGINEERING
B100SMYF20 RADIOLOGICAL CONTROL
B100SMYF60 SAFETY ENGINEER
B100SMYFB0 QUALITY PROGRAM
B100SMYH10 STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
B100SMYH40 GENERAL TRAINING (INSTRUCTOR, COORDINATION & CLASS TIME)
B100SMYH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
B100SMYH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
B100SMYN70 BASELINE MANAGEMENT & CHANGE CONTROL
B100SMYN80 DETAILED WORK PLAN
B100SMYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
B100SMYNA0 PROJECT ESTIMATES & VALIDATIONS
B100SMYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

B105BB 105-B REACTOR S&M

B105BB2W21 SURVEILLANCE & INSPECTION
B105BB2W22 MAINTENANCE
B105BB2W26 HOUSEKEEPING
B105BB2W28 WASTE MANAGEMENT/DISPOSAL
B105BBY420 TOURS

B105CX 105-C REACTOR S&M

B105CX2W21 SURVEILLANCE & INSPECTION
B105CX2W22 MAINTENANCE

B105DD 105-D REACTOR S&M

B105DD2W21 SURVEILLANCE & INSPECTION
B105DD2W22 MAINTENANCE
B105DD2W26 HOUSEKEEPING
B105DD2W28 WASTE MANAGEMENT/DISPOSAL

B105HH 105-H REACTOR S&M

B105HH2W21 SURVEILLANCE & INSPECTION
B105HH2W22 MAINTENANCE
B105HH2W26 HOUSEKEEPING
B105HH2W28 WASTE MANAGEMENT/DISPOSAL

B105KE 105-KE REACTOR

B105KE2W21 SURVEILLANCE & INSPECTION
B105KE2W22 MAINTENANCE
B105KE2W26 HOUSEKEEPING
B105KE2W28 WASTE MANAGEMENT/DISPOSAL

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

B105KW 105-KW WATER TUNNELS
- B105KW2W21 SURVEILLANCE & INSPECTION
- B105KW2W22 MAINTENANCE
- B105KW2W26 HOUSEKEEPING
- B105KW2W28 WASTE MANAGEMENT/DISPOSAL
- B105KWYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL

1.4.10.1.2.05.01.02.01.41.02 UB1102 100 Area Risk Assessment

B105BB 105-B REACTOR S&M
- B105BB2W23 RISK ASSESSMENT
- B105BB2W24 MAJOR REPAIRS

B105DD 105-D REACTOR S&M
- B105DD2W23 RISK ASSESSMENT

B105HH 105-H REACTOR S&M
- B105HH2W23 RISK ASSESSMENT

B105KE 105-KE REACTOR
- B105KE2W23 RISK ASSESSMENT
- B105KE2W24 MAJOR REPAIRS

B105KW 105-KW WATER TUNNELS
- B105KW2W23 RISK ASSESSMENT
- B105KW2W24 MAJOR REPAIRS

B105NR 105N FACILITY ROOF
- B105NR2W24 MAJOR REPAIRS

B165KW 165-KW PWR CNTL BLDG
- B165KW2W14 CORRECTIVE ACTIONS

B183KW 183-KW FACILITY S&M
- B183KW2W23 RISK ASSESSMENT

B183N0 183-N WTR FLTR PLANT
- B183N02W14 CORRECTIVE ACTIONS
- B183N02X60 DEACTIVATION FACILITY

B183N2 183-N WTR FLTR PLANT - PHASE II
- B183N22X60 DEACTIVATION FACILITY

B190KW 190-KW PROCESS WATER PUMP HOUSE
- B190KW2W23 RISK ASSESSMENT
- B190KWY4A0 FIELD ENGINEERING

BRIS1C 100 AREA RISK ASSESSMENT
- BRIS1C1B80 PROJECT DATA QUALITY OBJECTIVES PLANNING AND IMPLEMENTATION
- BRIS1C1D00 DEVELOP INTERIM REMEDIAL PLANS/REPORTS/APPROVAL
- BRIS1C2W1H REGULATORY SUPPORT ACTIVITIES
- BRIS1CY110 MANAGEMENT
- BRIS1CY220 ADMINISTRATIVE SUPPORT
- BRIS1CY440 MANAGEMENT ASSESSMENT & SUPPORT
- BRIS1CYH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
- BRIS1CYH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
- BRIS1CYN70 BASELINE MANAGEMENT & CHANGE CONTROL
- BRIS1CYN80 DETAILED WORK PLAN
- BRIS1CYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
- BRIS1CYNA0 PROJECT ESTIMATES & VALIDATIONS
- BRIS1CYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

BRIS1G 100 AREA RISK ASSESSMENT
- BRIS1G2W24 MAJOR REPAIRS

BRIS1K 100 AREA ASBESTOS ABATEMENT
- BRIS1K130C SAMPLING AND ANALYSIS PLAN (CH2MHILL)
- BRIS1K1B80 PROJECT DATA QUALITY OBJECTIVES PLANNING AND IMPLEMENTATION
- BRIS1K2W14 CORRECTIVE ACTIONS

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

BRISKB RISK ASSESSMENT NUCLEAR SAFETY
BRISKB1D00 DEVELOP INTERIM REMEDIAL PLANS/REPORTS/APPROVAL

J183N0 183-N WTR FLTR PLANT
J183N02W14 CORRECTIVE ACTIONS

JSEWLA 100-N SEWERAGE PLANT
JSEWLA2W14 CORRECTIVE ACTIONS

1.4.10.1.2.05.01.02.01.41.07 UB1107 B Reactor Museum

B105BX 105 B REACTOR MUSEUM (S&M)
B105BX1100 WORK PLAN
B105BX1D00 DEVELOP INTERIM REMEDIAL PLANS/REPORTS/APPROVAL
B105BX2000 PROJECT MANAGEMENT/SUPPORT/ADMINISTRATION
B105BX2W14 CORRECTIVE ACTIONS
B105BX2W1H REGULATORY SUPPORT ACTIVITIES
B105BX2W21 SURVEILLANCE & INSPECTION
B105BX2W22 MAINTENANCE
B105BX2W26 HOUSEKEEPING
B105BX2W28 WASTE MANAGEMENT/DISPOSAL
B105BXY220 ADMINISTRATIVE SUPPORT
B105BXY420 TOURS
B105BXYN60 PLANNING AND CONTROLS FUNCTIONAL PROCESSES
B105BXYN80 DETAILED WORK PLAN
B105BXYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL

1.4.10.1.2.05.01.02.01.41.26 UB1126 100-N Area S&M

B10NS1 100N SURVEILLANCE & MAINTENANCE
B10NS12300 AIR MONITORING AND SAMPLING
B10NS12W12 ROUTINE RADIOLOGICAL SURVEYS
B10NS12W1H REGULATORY SUPPORT ACTIVITIES
B10NS12W21 SURVEILLANCE & INSPECTION
B10NS12W22 MAINTENANCE
B10NS12W24 MAJOR REPAIRS
B10NS12W26 HOUSEKEEPING
B10NS12W28 WASTE MANAGEMENT/DISPOSAL
B10NS16000 FIELD INVESTIGATION
B10NS1Y110 MANAGEMENT
B10NS1Y120 SUPERVISION
B10NS1Y220 ADMINISTRATIVE SUPPORT
B10NS1Y440 MANAGEMENT ASSESSMENT & SUPPORT
B10NS1YF60 SAFETY ENGINEER
B10NS1YFB0 QUALITY PROGRAM
B10NS1YH10 STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
B10NS1YH40 GENERAL TRAINING (INSTRUCTOR, COORDINATION & CLASS TIME)
B10NS1YH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
B10NS1YH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
B10NS1YN70 BASELINE MANAGEMENT & CHANGE CONTROL
B10NS1YN80 DETAILED WORK PLAN
B10NS1YN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
B10NS1YNA0 PROJECT ESTIMATES & VALIDATIONS
B10NS1YND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

1.4.10.1.2.05.01.03 UE 200 Area Inactive Facility S&M

1.4.10.1.2.05.01.03.01 UE1 200 Area S&M

1.4.10.1.2.05.01.03.01.41 UE11 200 Area S&M Assessment

1.4.10.1.2.05.01.03.01.41.01 UE1101 200 Area S&M

B200SM 200 AREA SURVEILLANCE & MAINTENANCE

B200SM2W12	ROUTINE RADIOLOGICAL SURVEYS
B200SM2W17	WASTE MANAGEMENT/DISPOSAL
B200SM2W1H	REGULATORY SUPPORT ACTIVITIES
B200SM2W21	SURVEILLANCE & INSPECTION
B200SM2W22	MAINTENANCE
B200SM2W26	HOUSEKEEPING
B200SM2W28	WASTE MANAGEMENT/DISPOSAL
B200SMY110	MANAGEMENT
B200SMY120	SUPERVISION
B200SMY220	ADMINISTRATIVE SUPPORT
B200SMY440	MANAGEMENT ASSESSMENT & SUPPORT
B200SMY450	AUDITS, CORRECTIVE ACTION RESPONSES (CAR'S)
B200SMY4A0	FIELD ENGINEERING
B200SMYF20	RADIOLOGICAL CONTROL
B200SMYF60	SAFETY ENGINEER
B200SMYFB0	QUALITY PROGRAM
B200SMYH10	STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
B200SMYH40	GENERAL TRAINING (INSTRUCTOR, COORDINATION & CLASS TIME)
B200SMYH60	PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
B200SMYH80	DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
B200SMYN70	BASELINE MANAGEMENT & CHANGE CONTROL
B200SMYN80	DETAILED WORK PLAN
B200SMYN90	PROJECT PLANNING, SCHEDULING, & COST CONTROL
B200SMYNA0	PROJECT ESTIMATES & VALIDATIONS
B200SMYND0	PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

B224BE 224-B BUILDING

B224BE2W12	ROUTINE RADIOLOGICAL SURVEYS
B224BE2W21	SURVEILLANCE & INSPECTION
B224BE2W22	MAINTENANCE
B224BE2W26	HOUSEKEEPING
B224BE2W28	WASTE MANAGEMENT/DISPOSAL

BMINOR 200 AREA MINOR BLDGS S&M (212N,R,P,ETC)

BMINOR2W21	SURVEILLANCE & INSPECTION
BMINOR2W22	MAINTENANCE
BMINOR2W26	HOUSEKEEPING

BREDOX REDOX BUILDING

BREDOX2W12	ROUTINE RADIOLOGICAL SURVEYS
BREDOX2W14	CORRECTIVE ACTIONS
BREDOX2W21	SURVEILLANCE & INSPECTION
BREDOX2W22	MAINTENANCE
BREDOX2W24	MAJOR REPAIRS
BREDOX2W26	HOUSEKEEPING
BREDOX2W28	WASTE MANAGEMENT/DISPOSAL

BRMASM 200 AREA RADIATION MONITORING AREA

BRMASM2W21	SURVEILLANCE & INSPECTION
BRMASM2W26	HOUSEKEEPING

BU03SM U03 BUILDING SURVEILLANCE

BU03SM2W12	ROUTINE RADIOLOGICAL SURVEYS
BU03SM2W21	SURVEILLANCE & INSPECTION
BU03SM2W22	MAINTENANCE
BU03SM2W26	HOUSEKEEPING
BU03SM2W28	WASTE MANAGEMENT/DISPOSAL

Surveillance/Maintenance and Transition Projects
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BUPLNT U-PLANT
- BUPLNT2W12 ROUTINE RADIOLOGICAL SURVEYS
- BUPLNT2W14 CORRECTIVE ACTIONS
- BUPLNT2W21 SURVEILLANCE & INSPECTION
- BUPLNT2W22 MAINTENANCE
- BUPLNT2W26 HOUSEKEEPING
- BUPLNT2W28 WASTE MANAGEMENT/DISPOSAL

1.4.10.1.2.05.01.03.01.41.02 UE1102 Facility Transition

B10NFT 100 N FACILITIES
- B10NFTYH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)

B202AT PRREX (202-A)
- B202AT2X20 ENDPOINT CRITERIA DEVELOPMENT
- B202AT2X30 ENDPOINT CRITERIA VERIFICATION
- B202AT2X50 TRANSITION FACILITY AUTHORIZATION

B221BT B PLANT (221-B) BUILDING
- B221BT2X10 REGULATORY SUPPORT ACT.
- B221BT2X20 ENDPOINT CRITERIA DEVELOPMENT
- B221BT2X30 ENDPOINT CRITERIA VERIFICATION
- B221BT2X40 TRANSITION MANAGEMENT
- B221BT2X50 TRANSITION FACILITY AUTHORIZATION
- B221BTYH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)

B32427 324/327 BUILDING FACILITY TRANSITION
- B32427Y440 MANAGEMENT ASSESSMENT & SUPPORT

BFACTR FACILITY TRANSITION
- BFACTR2W1H REGULATORY SUPPORT ACTIVITIES
- BFACTR2X10 REGULATORY SUPPORT ACT.
- BFACTR2X20 ENDPOINT CRITERIA DEVELOPMENT
- BFACTR2X30 ENDPOINT CRITERIA VERIFICATION
- BFACTR2X40 TRANSITION MANAGEMENT
- BFACTRY110 MANAGEMENT
- BFACTRY120 SUPERVISION
- BFACTRY220 ADMINISTRATIVE SUPPORT
- BFACTRY440 MANAGEMENT ASSESSMENT & SUPPORT
- BFACTRY4A0 FIELD ENGINEERING
- BFACTRYF60 SAFETY ENGINEER
- BFACTRYN70 BASELINE MANAGEMENT & CHANGE CONTROL
- BFACTRYN80 DETAILED WORK PLAN
- BFACTRYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
- BFACTRYNA0 PROJECT ESTIMATES & VALIDATIONS
- BFACTRYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

BPFPFT PFP FACILITIES
- BPFPFT2X20 ENDPOINT CRITERIA DEVELOPMENT

1.4.10.1.2.05.01.03.01.41.03 UE1103 200 Area Canyon Disposition Initiative

B200C3 ACTUALS TRANSFER EM-40 TO EM-30 HABITAT MITIGATION
- B200C3ZZZZ NOT APPLICABLE TO HTRW

B200C5 ACTUALS TRANSFER EM-40 TO EM-50 CANYON INITIATIVE
- B200C5ZZZZ NOT APPLICABLE TO HTRW

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

B200CS 200 AREA CANYON STRATEGY

B200CS1330	DATA QUALITY OBJECTIVE PLAN
B200CS1A00	RISK ASSESSMENT PLAN
B200CS1D00	DEVELOP INTERIM REMEDIAL PLANS/REPORTS/APPROVAL
B200CS1K00	SAFETY EVALUATION
B200CS2000	PROJECT MANAGEMENT/SUPPORT/ADMINISTRATION
B200CS2190	PREP RPTS/PARTICIPATE IN RVWS(READINESS ASSESSMT)
B200CS2W14	CORRECTIVE ACTIONS
B200CS2W21	SURVEILLANCE & INSPECTION
B200CS2W22	MAINTENANCE
B200CS2W28	WASTE MANAGEMENT/DISPOSAL
B200CS6100	SITE RECONAISSANCE (SAMPLE SUPPORT)
B200CS671C	SAMPLE COLLECTION (GAS, LIQUID, SOLID) (CH2MHILL)
B200CSH000	DOCUMENT FS (CMS)
B200CSJ3W0	DRAFT PROPOSED PLAN REPORT
B200CSY110	MANAGEMENT
B200CSY220	ADMINISTRATIVE SUPPORT
B200CSY420	TOURS
B200CSY440	MANAGEMENT ASSESSMENT & SUPPORT
B200CSY450	AUDITS, CORRECTIVE ACTION RESPONSES (CAR'S)
B200CSYH60	PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
B200CSYN70	BASELINE MANAGEMENT & CHANGE CONTROL
B200CSYN80	DETAILED WORK PLAN
B200CSYN90	PROJECT PLANNING, SCHEDULING, & COST CONTROL
B200CSYNA0	PROJECT ESTIMATES & VALIDATIONS
B200CSYND0	PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

BUPLNT U-PLANT

BUPLNT9600	ANALYZE WASTE (LIQUID) SAMPLES

1.4.10.1.2.05.01.03.01.41.05 UE1105 200 Area Risk Assessment

B195SM 191S SEAL POT & 195 SUMP

B195SM1100	WORK PLAN
B195SM2W23	RISK ASSESSMENT

B212SM 212 N/R S&M

B212SM2W14	CORRECTIVE ACTIONS

B276SX 276-S-141/142 HEXONE STOR. TANKS

B276SX130C	SAMPLING AND ANALYSIS PLAN (CH2MHILL)

BRIS2A 200 AREA PROJECT SUPPORT

BRIS2A2W1H	REGULATORY SUPPORT ACTIVITIES
BRIS2A2W28	WASTE MANAGEMENT/DISPOSAL
BRIS2AY220	ADMINISTRATIVE SUPPORT
BRIS2AYH10	STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
BRIS2AYH80	DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
BRIS2AYN70	BASELINE MANAGEMENT & CHANGE CONTROL
BRIS2AYN80	DETAILED WORK PLAN
BRIS2AYN90	PROJECT PLANNING, SCHEDULING, & COST CONTROL
BRIS2AYNA0	PROJECT ESTIMATES & VALIDATIONS
BRIS2AYND0	PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

BRIS2C PU LOADOUT HOOD

BRIS2C1100	WORK PLAN
BRIS2C1D00	DEVELOP INTERIM REMEDIAL PLANS/REPORTS/APPROVAL
BRIS2C2190	PREP RPTS/PARTICIPATE IN RVWS(READINESS ASSESSMT)
BRIS2C2W23	RISK ASSESSMENT
BRIS2C6200	PERFORM MOBILIZATION/DEMOBILIZATION (FIELD CREW)
BRIS2C8000	OFF-SITE LABORATORY SAMPLE ANALYSIS

BRIS2K 200 AREA ASBESTOS ABATEMENT

BRIS2K2W14	CORRECTIVE ACTIONS
BRIS2KYN90	PROJECT PLANNING, SCHEDULING, & COST CONTROL

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

1.4.10.1.2.05.01.03.01.41.06 UE1106 Nuclear Facility Support

B105NX 105 N REACTOR FACILITY
B105NX1K10 GRADED SAFETY ANALYSIS REPORT

B212N0 212-N STORAGE
B212N01K10 GRADED SAFETY ANALYSIS REPORT

B212SM 212 N/R S&M
B212SM1K10 GRADED SAFETY ANALYSIS REPORT

B221BT B PLANT (221-B) BUILDING
B221BT1K10 GRADED SAFETY ANALYSIS REPORT

B224BE 224-B BUILDING
B224BE1K10 GRADED SAFETY ANALYSIS REPORT

B241SM 276, 241CX, 242CX SEMI WORKS COMPLEX
B241SM1K30 AUDITABLE SAFETY ANALYSIS 8 RX/212N/UST

B276SX 276-S-141/142 HEXONE STOR. TANKS
B276SX1K10 GRADED SAFETY ANALYSIS REPORT

BIMUST INACTIVE MISCELLANEOUS STORAGE TANKS
BIMUST130C SAMPLING AND ANALYSIS PLAN (CH2MHILL)
BIMUST1B80 PROJECT DATA QUALITY OBJECTIVES PLANNING AND IMPLEMENTATION

BNUKE1 PROGRAM SUPPORT NUCLEAR FACILITY SUPPORT
BNUKE11K10 GRADED SAFETY ANALYSIS REPORT
BNUKE11K30 AUDITABLE SAFETY ANALYSIS 8 RX/212N/UST
BNUKE11K40 PREPARATION OF UNANSWERED SAFETY QUESTIONS (USQ)
BNUKE12W1H REGULATORY SUPPORT ACTIVITIES
BNUKE1Y110 MANAGEMENT
BNUKE1Y120 SUPERVISION
BNUKE1Y220 ADMINISTRATIVE SUPPORT
BNUKE1Y4A0 FIELD ENGINEERING
BNUKE1YFB0 QUALITY PROGRAM
BNUKE1YH10 STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
BNUKE1YH40 GENERAL TRAINING (INSTRUCTOR, COORDINATION & CLASS TIME)
BNUKE1YH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
BNUKE1YH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
BNUKE1YN70 BASELINE MANAGEMENT & CHANGE CONTROL
BNUKE1YN80 DETAILED WORK PLAN
BNUKE1YN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
BNUKE1YNA0 PROJECT ESTIMATES & VALIDATIONS
BNUKE1YND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

BPUREX PUREX IFS&M
BPUREX1K10 GRADED SAFETY ANALYSIS REPORT

BREDOX REDOX BUILDING
BREDOX1K10 GRADED SAFETY ANALYSIS REPORT

BUPLNT U-PLANT
BUPLNT1K10 GRADED SAFETY ANALYSIS REPORT

CNUKE1 PROGRAM SUPPORT NUCLEAR FACILITY SUPPORT
CNUKE1M300 PRE-FINAL/FINAL DESIGN

1.4.10.1.2.05.01.03.01.41.08 UE1108 Risk Reduction Planning

B212N0 212-N STORAGE
B212N0E000 ALTERNATIVE EVALUATION (RA/CM)

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

BAERRP S&M RISK RED, PLANNING

BAERRP1B80 PROJECT DATA QUALITY OBJECTIVES PLANNING AND IMPLEMENTATION
BAERRP1B8C PROJECT DATA QUALITY OBJECTIVES PLANNING AND IMPLEMENTATION (CH2MHILL)
BAERRP2W1H REGULATORY SUPPORT ACTIVITIES
BAERRP2W27 TASK MANAGEMENT
BAERRP2W2H REGULATORY SUPPORT ACTIVITIES FOR S&M ONLY
BAERRP9600 ANALYZE WASTE (LIQUID) SAMPLES
BAERRPE000 ALTERNATIVE EVALUATION (RA/CM)
BAERRPY110 MANAGEMENT
BAERRPY120 SUPERVISION
BAERRPY220 ADMINISTRATIVE SUPPORT
BAERRPY440 MANAGEMENT ASSESSMENT & SUPPORT
BAERRPY4M0 DESIGN SUPPORT
BAERRPYFB0 QUALITY PROGRAM
BAERRPYH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
BAERRPYN60 PLANNING AND CONTROLS FUNCTIONAL PROCESSES
BAERRPYN70 BASELINE MANAGEMENT & CHANGE CONTROL
BAERRPYN80 DETAILED WORK PLAN
BAERRPYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
BAERRPYNA0 PROJECT ESTIMATES & VALIDATIONS
BAERRPYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

1.4.10.1.2.05.01.03.02 UE2 PUREX S&M

1.4.10.1.2.05.01.03.02.41 UE21 PUREX S&M Assessment

1.4.10.1.2.05.01.03.02.41.01 UE2101 PUREX S&M

BPUREX PUREX IFS&M

BPUREX2W12 ROUTINE RADIOLOGICAL SURVEYS
BPUREX2W13 MAINTENANCE & REVEGATATION
BPUREX2W14 CORRECTIVE ACTIONS
BPUREX2W15 HERBICIDE & PESTICIDE
BPUREX2W1H REGULATORY SUPPORT ACTIVITIES
BPUREX2W21 SURVEILLANCE & INSPECTION
BPUREX2W22 MAINTENANCE
BPUREX2W26 HOUSEKEEPING
BPUREX2W28 WASTE MANAGEMENT/DISPOSAL
BPUREXY110 MANAGEMENT
BPUREXY120 SUPERVISION
BPUREXY220 ADMINISTRATIVE SUPPORT
BPUREXY4A0 FIELD ENGINEERING
BPUREXYF60 SAFETY ENGINEER
BPUREXYFB0 QUALITY PROGRAM
BPUREXYH10 STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
BPUREXYH40 GENERAL TRAINING (INSTRUCTOR, COORDINATION & CLASS TIME)
BPUREXYH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
BPUREXYH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
BPUREXYN70 BASELINE MANAGEMENT & CHANGE CONTROL
BPUREXYN80 DETAILED WORK PLAN
BPUREXYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
BPUREXYNA0 PROJECT ESTIMATES & VALIDATIONS
BPUREXYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

1.4.10.1.2.05.01.03.05 UE5 B PLANT S&M

1.4.10.1.2.05.01.03.05.41 UE51 B PLANT S&M Assessment

1.4.10.1.2.05.01.03.05.41.01 UE5101 B PLANT S&M

B221BT B PLANT (221-B) BUILDING

B221BT2W12 ROUTINE RADIOLOGICAL SURVEYS
B221BT2W1H REGULATORY SUPPORT ACTIVITIES
B221BT2W21 SURVEILLANCE & INSPECTION
B221BT2W22 MAINTENANCE
B221BT2W26 HOUSEKEEPING
B221BT2W28 WASTE MANAGEMENT/DISPOSAL
B221BTY110 MANAGEMENT
B221BTY120 SUPERVISION
B221BTY220 ADMINISTRATIVE SUPPORT
B221BTY4A0 FIELD ENGINEERING
B221BTYF60 SAFETY ENGINEER
B221BTYFB0 QUALITY PROGRAM
B221BTYH10 STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
B221BTYH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
B221BTYN70 BASELINE MANAGEMENT & CHANGE CONTROL
B221BTYN80 DETAILED WORK PLAN
B221BTYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
B221BTYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

B221BX B PLANT

B221BX2W1H REGULATORY SUPPORT ACTIVITIES
B221BXYH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)

1.4.10.1.2.05.01.04 UC 300 Area Inactive Facility S&M

1.4.10.1.2.05.01.04.01 UC1 300 Area S&M

1.4.10.1.2.05.01.04.01.41 UC11 300 Area S&M Assessment

1.4.10.1.2.05.01.04.01.41.01 UC1101 300 Area S&M

B300SM 300 AREA SURVEILLANCE & MAINTENANCE

B300SM2W1H REGULATORY SUPPORT ACTIVITIES
B300SMY110 MANAGEMENT
B300SMY120 SUPERVISION
B300SMY220 ADMINISTRATIVE SUPPORT
B300SMY440 MANAGEMENT ASSESSMENT & SUPPORT
B300SMYF60 SAFETY ENGINEER
B300SMYH40 GENERAL TRAINING (INSTRUCTOR, COORDINATION & CLASS TIME)
B300SMYH60 PROCEDURES (READING / TRAINING / DEV / MAINTENANCE)
B300SMYH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
B300SMYN70 BASELINE MANAGEMENT & CHANGE CONTROL
B300SMYN80 DETAILED WORK PLAN
B300SMYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL
B300SMYNA0 PROJECT ESTIMATES & VALIDATIONS
B300SMYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

B308SM 308 BLDG.

B308SM2W12 ROUTINE RADIOLOGICAL SURVEYS
B308SM2W21 SURVEILLANCE & INSPECTION
B308SM2W22 MAINTENANCE
B308SM2W26 HOUSEKEEPING
B308SM2W28 WASTE MANAGEMENT/DISPOSAL
B308SMYN90 PROJECT PLANNING, SCHEDULING, & COST CONTROL

WORK BREAKDOWN STRUCTURE INDEX

PBS	Indenture Level							Title	HQ/ERC WBS #	B&R #
	5	6	7	8	9	10	11			
RL-ER05		X						Environmental Restoration Surveillance and Maintenance	1.4.10.1.2.05	EW02J1050
RL-ER05			X					Surveillance and Maintenance	1.4.10.1.2.05.01	EW02J1050
RL-ER05				X				RARA	1.4.10.1.2.05.01.01	EW02J1050
RL-ER05					X			RARA Common	1.4.10.1.2.05.01.01.01	EW02J1050
RL-ER05						X		RARA Common Interim Remedial Action	1.4.10.1.2.05.01.01.01.34	EW02J1050
RL-ER05							X	RARA Interim Stabilization	1.4.10.1.2.05.01.01.01.34.01	EW02J1050
RL-ER05							X	S&M/Herbicide Application	1.4.10.1.2.05.01.01.01.34.02	EW02J1050
RL-ER05				X				100 Area Inactive Facility S&M	1.4.10.1.2.05.01.02	EW02J1050
RL-ER05					X			100 Area S&M	1.4.10.1.2.05.01.02.01	EW02J1050
RL-ER05						X		100 Area S&M Assessment	1.4.10.1.2.05.01.02.01.41	EW02J1050
RL-ER05							X	100 Area S&M	1.4.10.1.2.05.01.02.01.41.01	EW02J1050
RL-ER05							X	100 Area Risk Assessment	1.4.10.1.2.05.01.02.01.41.02	EW02J1050
RL-ER05							X	B Reactor Museum	1.4.10.1.2.05.01.02.01.41.07	EW02J1050
RL-ER05							X	100-N Area S&M	1.4.10.1.2.05.01.02.01.41.26	EW02J1050
RL-ER05				X				200 Area Inactive Facility S&M	1.4.10.1.2.05.01.03	EW02J1050
RL-ER05					X			200 Area S&M	1.4.10.1.2.05.01.03.01	EW02J1050
RL-ER05						X		200 Area S&M Assessment	1.4.10.1.2.05.01.03.01.41	EW02J1050
RL-ER05							X	200 Area S&M	1.4.10.1.2.05.01.03.01.41.01	EW02J1050
RL-ER05							X	Facility Transition	1.4.10.1.2.05.01.03.01.41.02	EW02J1050
RL-ER05							X	200 Area Canyon Disposition Initiative	1.4.10.1.2.05.01.03.01.41.03	EW02J1050
RL-ER05							X	200 Area Risk Assessment	1.4.10.1.2.05.01.03.01.41.05	EW02J1050
RL-ER05							X	Nuclear Facility Support	1.4.10.1.2.05.01.03.01.41.06	EW02J1050
RL-ER05							X	Risk Reduction Planning	1.4.10.1.2.05.01.03.01.41.08	EW02J1050
RL-ER05					X			PUREX S&M	1.4.10.1.2.05.01.03.02	EW02J1050
RL-ER05						X		PUREX S&M Assessment	1.4.10.1.2.05.01.03.02.41	EW02J1050

WORK BREAKDOWN STRUCTURE INDEX

PBS	Indenture Level							Title	HQ/ERC WBS #	B&R #
	5	6	7	8	9	10	11			
RL-ER05							X	PUREX S&M	1.4.10.1.2.05.01.03.02.41.01	EW02J1050
RL-ER05					X			B PLANT S&M	1.4.10.1.2.05.01.03.05	EW02J1050
RL-ER05						X		B PLANT S&M Assessment	1.4.10.1.2.05.01.03.05.41	EW02J1050
RL-ER05							X	B PLANT S&M	1.4.10.1.2.05.01.03.05.41.01	EW02J1050
RL-ER05				X				300 Area Inactive Facility S&M	1.4.10.1.2.05.01.04	EW02J1050
RL-ER05					X			300 Area S&M	1.4.10.1.2.05.01.04.01	EW02J1050
RL-ER05						X		300 Area S&M Assessment	1.4.10.1.2.05.01.04.01.41	EW02J1050
RL-ER05							X	300 Area S&M	1.4.10.1.2.05.01.04.01.41.01	EW02J1050

MAJOR PROCUREMENT PLAN - FY 2001

Cost Account	Task	Type of Contract	Start Date	End Date	FY01 Burdened Budget/EAC ($K)
PJ1402	RARA Herbicide Application	FP	10/00	09/01	446
UB1101	Waste Disposal	FUP/WO	10/00	01/01	7
UB1102	Asbestos Abatement 100 Area	FP	03/01	07/01	771
	Waste Disposal	WO	07/01	07/01	13
UB1126	Near Field Monitoring	FP/WO	10/00	09/01	119
	Waste Disposal	WO	10/00	09/01	4
UE1101	Miscellaneous Maintenance Support	FP/WO	10/00	09/01	318
UE1103	Sampling and Analysis	FUP	10/00	09/01	160
	Feasibility Study & Proposed Plan	FP	10/00	09/01	289
UE1105	Asbestos Abatement 200 Area	FP	10/00	09/01	265
	Redox Roof Repairs	WO	10/00	09/01	84
	Hexone Sampling	WO	10/00	09/01	145
UE1106	Miscellaneous Technical Support	FUP	10/00	09/01	79
UE1108	Risk Assessment Long Range Plan	FUP	10/00	09/01	23
UE2101	Miscellaneous Maintenance Support	WO	10/00	09/01	95
	Project Total				2818

MAJOR PROCUREMENT PLAN - FY 2002

Cost Account	Task	Type of Contract	Start Date	End Date	FY02 Burdened Budget/EAC ($K)
PJ1401	Miscellaneous Support	W/O	10/01	09/02	13
PJ1402	RARA Herbicide Application	FP/WO	10/01	09/02	603
UB1101	Sampling and Technical Support	FP/W/O	10/01	09/02	11
UB1102	Asbestos Abatement 100 Area	FP/WO	10/01	09/02	279
	Waste Disposal	WO	10/01	09/02	10
UB1107	Waste Disposal	WO	10/01	09/02	5
UB1126	Near Field Monitoring	FP/WO	10/01	09/02	121
UC1101	Waste Disposal	WO	10/01	09/02	18
UE1101	Miscellaneous Maintenance Support	FP/WO	10/01	09/02	158
UE1103	Feasibility Study & Proposed Plan	FP	10/01	09/02	99
UE1105	Asbestos Abatement 200 Area	FP	10/01	09/02	117
UE1108	Miscellaneous Maintenance Support	FUP	10/01	09/02	97
UE2101	Miscellaneous Technical Support	WO	10/01	09/02	34
UE5101	Miscellaneous Technical Support	FUP/WO	10/01	09/02	254
	Project Total				1819

MAJOR PROCUREMENT PLAN - FY 2003

Cost Account	Task	Type of Contract	Start Date	End Date	FY03 Burdened Budget/EAC ($K)
PJ1401	Miscellaneous Support	W/O	10/02	09/03	14
PJ1402	RARA Herbicide Application	FUP/WO	10/02	09/03	688
UB1101	Sampling and Technical Support	FUP/W/O	10/02	09/03	45
UB1102	Asbestos Abatement 100 Area	FP	10/02	09/03	354
	Waste Disposal	WO	10/02	09/03	10
UB1107	Waste Disposal	WO	10/02	09/03	5
UB1126	Near Field Monitoring	FP/WO	10/02	09/03	124
UC1101	Waste Disposal	WO	10/02	09/03	19
UE1101	Miscellaneous Maintenance Support	FP/WO	10/02	09/03	163
UE1105	Asbestos Abatement 200 Area	FP	10/02	09/03	142
UE1108	Miscellaneous Maintenance Support	FUP	10/02	09/03	99
UE2101	Miscellaneous Technical Support	WO	10/02	09/03	35
UE5101	Miscellaneous Technical Support	FUP/WO	10/02	09/03	243
	Project Total				1941

PBS BUDGET BASELINE TABLE

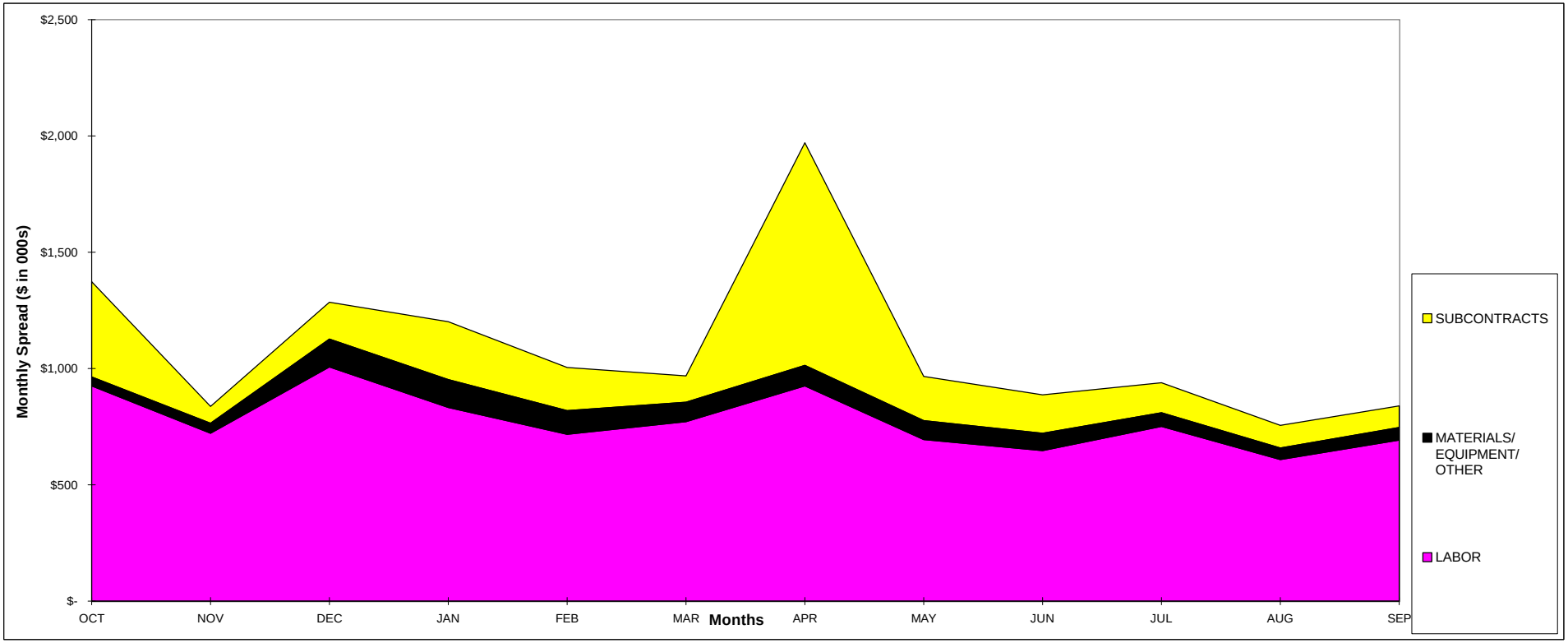
CA #	Description	HOURS			$1,000			
		Non Manual	Manual	Total	Labor	Material/ Eqpt/Other	SC	Total
		FY 2001						
PJ1401	RARA Interim Stabilization	2,075	4,160	6,235	383	67	0	450
PJ1402	S&M/Herbicide Application	4,543	15,794	20,337	1,233	442	446	2,121
	Subtotal RARA Common	**6,617**	**19,954**	**26,571**	**1,616**	**509**	**446**	**2,571**
UB1101	100 Area S&M	3,254	4,258	7,512	513	47	7	567
UB1102	100 Area Risk Assessment	2,019	909	2,928	216	27	784	1,027
UB1126	100-N Area S&M	1,464	2,095	3,559	242	8	123	373
	Subtotal 100 Area S&M	**6,737**	**7,262**	**13,999**	**971**	**82**	**914**	**1,967**
UC1101	300 Area S&M	851	577	1,427	103	1	0	103
	Subtotal 300 Area S&M	**851**	**577**	**1,427**	**103**	**1**	**0**	**103**
UE1101	200 Area S&M	20,120	22,514	42,634	3,093	200	318	3,612
UE1102	Facility Transition	100		100	8	0	0	8
UE1103	200 Area Canyon Disposition Initiative	4,698	1,858	6,556	497	15	449	961
UE1105	200 Area Risk Assessment	5,522	3,256	8,778	670	19	493	1,182
UE1106	Nuclear Facility Support	5,947	148	6,095	508	0	78	587
UE1108	Risk Reduction Planning	3,545		3,545	279	0	23	303
	Subtotal 200 Area S&M	**39,932**	**27,776**	**67,708**	**5,055**	**234**	**1,362**	**6,651**
UE2101	PUREX S&M	5,906	7,555	13,461	985	68	95	1,148
	Subtotal PUREX S&M	**5,906**	**7,555**	**13,461**	**985**	**68**	**95**	**1,148**
UE5101	B PLANT S&M	4,344	3,385	7,729	563	21	0	583
	Subtotal B PLANT S&M	**4,344**	**3,385**	**7,729**	**563**	**21**	**0**	**583**
	FY 2001 TOTAL	**64,386**	**66,509**	**130,895**	**9,291**	**915**	**2,818**	**13,024**
		FY 2002						
PJ1401	RARA Interim Stabilization	3,357	11,816	15,173	885	292	13	1,190
PJ1402	S&M/Herbicide Application	5,355	16,233	21,588	1,361	527	603	2,491
	Subtotal RARA Common	**8,711**	**28,049**	**36,760**	**2,246**	**819**	**616**	**3,681**
UB1101	100 Area S&M	3,530	4,555	8,085	559	44	11	614
UB1102	100 Area Risk Assessment	8,300	3,817	12,117	841	36	288	1,165
UB1107	B Reactor Museum	7,708	3,488	11,197	819	239	5	1,064
UB1126	100-N Area S&M	1,554	1,619	3,173	229	11	121	361
	Subtotal 100 Area S&M	**21,093**	**13,479**	**34,572**	**2,447**	**331**	**425**	**3,203**
UC1101	300 Area S&M	191	349	540	39	0	18	58
	Subtotal 300 Area S&M	**191**	**349**	**540**	**39**	**0**	**18**	**58**
UE1101	200 Area S&M	18,709	25,650	44,359	3,227	244	158	3,630
UE1102	Facility Transition	2,664		2,664	227	0	0	227
UE1103	200 Area Canyon Disposition Initiative	715		715	65	66	99	230
UE1105	200 Area Risk Assessment	2,981	1,445	4,426	336	66	117	519
UE1106	Nuclear Facility Support	5,578	355	5,934	524	0	0	524
UE1108	Risk Reduction Planning	2,276		2,276	185	0	96	281
	Subtotal 200 Area S&M	**32,924**	**27,450**	**60,374**	**4,564**	**376**	**471**	**5,412**
UE2101	PUREX S&M	4,299	8,396	12,695	900	27	34	960
	Subtotal PUREX S&M	**4,299**	**8,396**	**12,695**	**900**	**27**	**34**	**960**
UE5101	B PLANT S&M	3,146	3,536	6,681	498	28	254	780
	Subtotal B PLANT S&M	**3,146**	**3,536**	**6,681**	**498**	**28**	**254**	**780**
	FY 2002 TOTAL	**70,363**	**81,259**	**151,622**	**10,694**	**1,581**	**1,819**	**14,094**
		FY 2003						
PJ1401	RARA Interim Stabilization	3,332	12,068	15,400	921	384	14	1,318
PJ1402	S&M/Herbicide Application	5,443	17,041	22,484	1,454	571	688	2,713
	Subtotal RARA Common	**8,775**	**29,109**	**37,884**	**2,374**	**955**	**702**	**4,031**
UB1101	100 Area S&M	3,530	4,405	7,935	565	45	45	656
UB1102	100 Area Risk Assessment	8,497	2,817	11,314	827	37	364	1,228
UB1107	B Reactor Museum	6,726	2,088	8,815	681	113	5	800
UB1126	100-N Area S&M	1,555	1,619	3,174	235	12	124	371

PBS BUDGET BASELINE TABLE

CA #	Description	HOURS			$1,000			
		Non Manual	Manual	Total	Labor	Material/ Eqpt/Other	SC	Total
	Subtotal 100 Area S&M	**20,308**	**10,929**	**31,237**	**2,308**	**207**	**538**	**3,054**
UC1101	300 Area S&M	190	349	540	40	0	19	59
	Subtotal 300 Area S&M	**190**	**349**	**540**	**40**	**0**	**19**	**59**
UE1101	200 Area S&M	16,709	23,859	40,567	3,046	200	162	3,408
UE1102	Facility Transition	2,664		2,664	234	0	0	234
UE1105	200 Area Risk Assessment	2,881	695	3,576	285	68	142	495
UE1106	Nuclear Facility Support	5,222	355	5,577	506	0	0	506
UE1108	Risk Reduction Planning	2,275		2,275	189	0	99	288
	Subtotal 200 Area S&M	**29,752**	**24,908**	**54,660**	**4,260**	**268**	**404**	**4,931**
UE2101	PUREX S&M	4,299	7,477	11,777	857	27	35	919
	Subtotal PUREX S&M	**4,299**	**7,477**	**11,777**	**857**	**27**	**35**	**919**
UE5101	B PLANT S&M	2,985	3,197	6,181	470	29	243	742
	Subtotal B PLANT S&M	**2,985**	**3,197**	**6,181**	**470**	**29**	**243**	**742**
	FY 2003 TOTAL	**66,310**	**75,969**	**142,279**	**10,310**	**1,487**	**1,941**	**13,737**

FY 2001 PBS BASELINE EXPENDITURE FORECAST

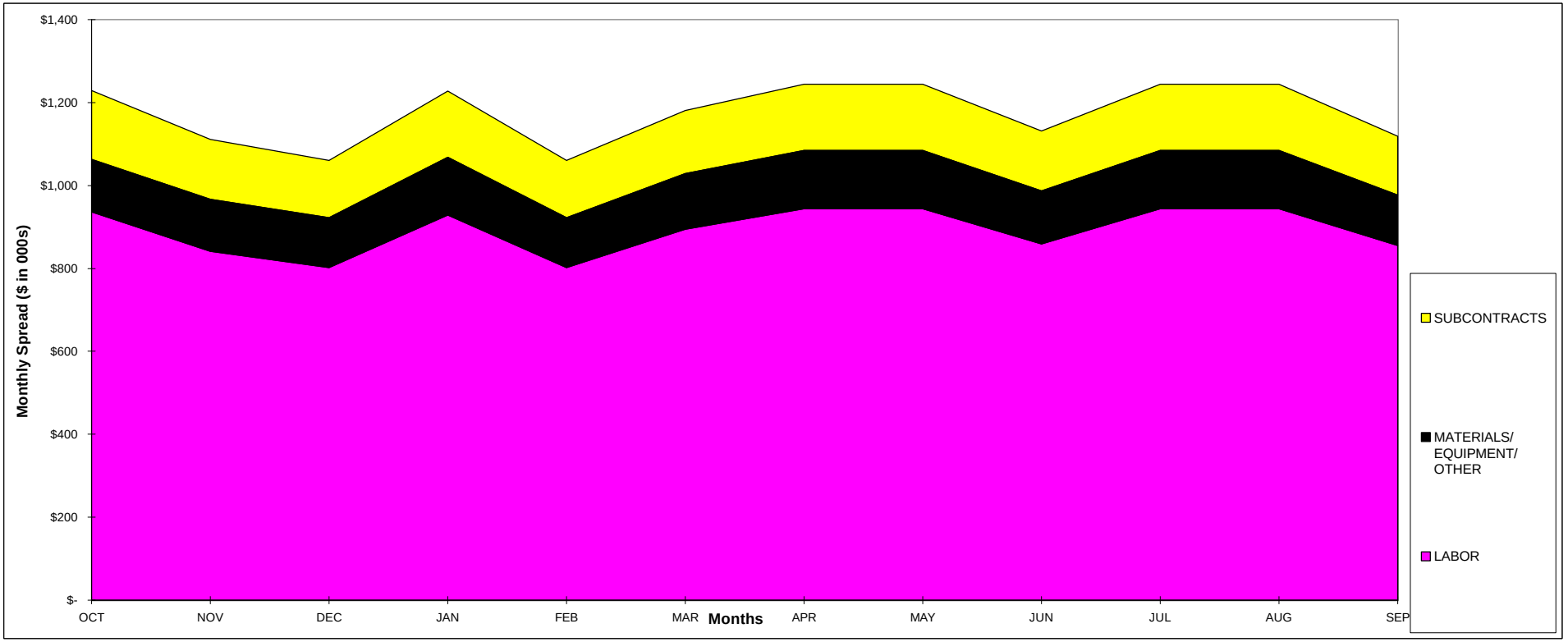
(Dollars in Thousands)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 925	$ 721	$ 1,008	$ 832	$ 717	$ 771	$ 924	$ 695	$ 646	$ 751	$ 608	$ 693	$ 9,291
MATERIALS/ EQUIPMENT/ OTHER	$ 39	$ 44	$ 118	$ 121	$ 103	$ 84	$ 88	$ 81	$ 75	$ 59	$ 49	$ 53	$ 915
SUBCONTRACTS	$ 408	$ 71	$ 158	$ 249	$ 186	$ 114	$ 957	$ 189	$ 165	$ 129	$ 98	$ 93	$ 2,818
BUDGET CURRENT	$ 1,372	$ 836	$ 1,284	$ 1,202	$ 1,006	$ 969	$ 1,970	$ 965	$ 887	$ 939	$ 755	$ 839	$ 13,024
BUDGET BASELINE (DWP)	$ 1,372	$ 836	$ 1,284	$ 1,202	$ 1,006	$ 969	$ 1,970	$ 965	$ 887	$ 939	$ 755	$ 839	$ 13,024
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 1,372	$ 836	$ 1,284	$ 1,202	$ 1,006	$ 969	$ 1,970	$ 965	$ 887	$ 939	$ 755	$ 839	$ 13,024
CUMULATIVE EAC	$ 1,372	$ 2,209	$ 3,493	$ 4,694	$ 5,700	$ 6,669	$ 8,638	$ 9,604	$ 10,491	$ 11,429	$ 12,184	**$ 13,024**	$ 13,024

FY 2002 PBS BASELINE EXPENDITURE FORECAST

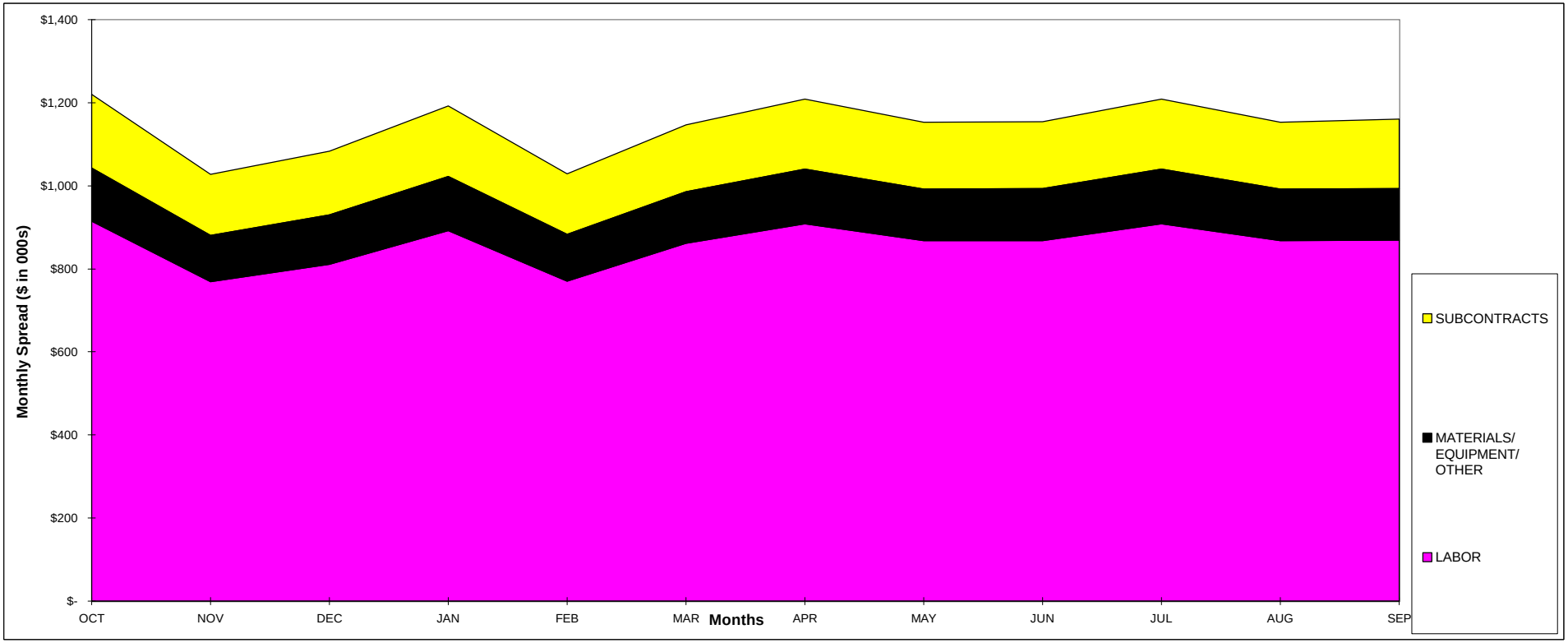
(Dollars in Thousands)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 937	$ 841	$ 802	$ 928	$ 802	$ 894	$ 944	$ 944	$ 859	$ 944	$ 944	$ 855	$ 10,694
MATERIALS/ EQUIPMENT/ OTHER	$ 126	$ 126	$ 121	$ 141	$ 121	$ 134	$ 141	$ 141	$ 128	$ 141	$ 141	$ 123	$ 1,581
SUBCONTRACTS	$ 166	$ 145	$ 137	$ 159	$ 137	$ 152	$ 159	$ 159	$ 145	$ 159	$ 159	$ 142	$ 1,819
BUDGET CURRENT	$ 1,229	$ 1,111	$ 1,060	$ 1,228	$ 1,060	$ 1,180	$ 1,244	$ 1,244	$ 1,131	$ 1,244	$ 1,244	$ 1,119	$ 14,094
BUDGET BASELINE (DWP)	$ 1,229	$ 1,111	$ 1,060	$ 1,228	$ 1,060	$ 1,180	$ 1,244	$ 1,244	$ 1,131	$ 1,244	$ 1,244	$ 1,119	$ 14,094
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 1,229	$ 1,111	$ 1,060	$ 1,228	$ 1,060	$ 1,180	$ 1,244	$ 1,244	$ 1,131	$ 1,244	$ 1,244	$ 1,119	$ 14,094
CUMULATIVE EAC	$ 1,229	$ 2,340	$ 3,400	$ 4,628	$ 5,688	$ 6,868	$ 8,112	$ 9,356	$ 10,487	$ 11,731	$ 12,975	**$ 14,094**	$ 14,094

FY 2003 PBS BASELINE EXPENDITURE FORECAST

(Dollars in Thousands)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 915	$ 769	$ 811	$ 892	$ 771	$ 861	$ 909	$ 868	$ 868	$ 909	$ 868	$ 869	$ 10,310
MATERIALS/ EQUIPMENT/ OTHER	$ 128	$ 112	$ 119	$ 131	$ 113	$ 125	$ 131	$ 125	$ 125	$ 131	$ 125	$ 124	$ 1,487
SUBCONTRACTS	$ 177	$ 146	$ 154	$ 169	$ 146	$ 161	$ 169	$ 161	$ 161	$ 169	$ 161	$ 167	$ 1,941
BUDGET CURRENT	$ 1,220	$ 1,027	$ 1,084	$ 1,192	$ 1,029	$ 1,147	$ 1,208	$ 1,154	$ 1,154	$ 1,208	$ 1,154	$ 1,160	$ 13,737
BUDGET BASELINE (DWP)	$ 1,220	$ 1,027	$ 1,084	$ 1,192	$ 1,029	$ 1,147	$ 1,208	$ 1,154	$ 1,154	$ 1,208	$ 1,154	$ 1,160	$ 13,737
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 1,220	$ 1,027	$ 1,084	$ 1,192	$ 1,029	$ 1,147	$ 1,208	$ 1,154	$ 1,154	$ 1,208	$ 1,154	$ 1,160	$ 13,737
CUMULATIVE EAC	$ 1,220	$ 2,247	$ 3,330	$ 4,522	$ 5,552	$ 6,699	$ 7,907	$ 9,061	$ 10,215	$ 11,423	$ 12,577	**$ 13,737**	$ 13,737

RARA INTERIM STABILIZATION **PJ1401**
1.4.10.1.2.05.01.01.01.34.01

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach/John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The objective of this task is to minimize any spread of surface soil contamination at ERC inactive waste sites. The inactive waste sites include unplanned release sites, cribs, trenches, ponds, burial grounds, tanks, french drains, dumps, pits, drains, and septic tanks.

Overall goals are to remove, decontaminate, and/or stabilize radioactive surface contamination at inactive outdoor waste sites to prevent the spread and migration of contamination on an interim basis pending final remediation. This is a maintenance-related activity to control contamination. The method used is to cover surface contamination with a layer of soil or other material. This method is dictated by whether surface contamination is associated with a waste site or has migrated onto an area not associated with a waste site. Waste sites may then be revegetated to provide a stable surface until final remediation is started. Removal or stabilization of nonradioactive physical safety hazards will be performed. Stabilization is an interim measure and not designed for permanent containment. As such, it has a limited lifespan and a site may need to be restabilized periodically until remediated.

TASKS TO BE PERFORMED IN FY 2001:

Complete interim stabilization (by correcting conditions such as cave-ins, intrusions, erosions, applying soil fixatives, placing clean soil cover, contaminated soil consolidation, tumbleweed removal, posting, periodic revegetation, or removal of contamination) at the following outdoor Radiation Area Remedial Action (RARA) sites:

- Stabilize the following areas:
  - 216-A-42 retention basin
  - 216-B-64 retention basin.

TASKS TO BE PERFORMED IN FY 2002:

Resource levels are based on FY01 estimate.

RARA INTERIM STABILIZATION **PJ1401**
1.4.10.1.2.05.01.01.01.34.01

TASKS TO BE PERFORMED IN (FY 2003):

Resource levels are based on FY02 estimate, and work scope for three stabilization activities.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
Complete selected stabilizations at the following facilities:	
• 216-A-42 retention basin	09/28/01
• 216-B-64 retention basin	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a Baseline Change Proposal (BCP), as appropriate, will be initiated and approved prior to commencing work activities.
- Cost/schedule durations include a minor allowance for unforeseeable changes (such as minimal craft bumping, attrition, absenteeism – less than 10%).
- Stabilizations will be performed by Plant Forces.
- No Notice of Construction approval is required for stabilizations. Air permitting will be dealt with through routine technical air meetings.
- Cost/schedule durations do not include allowances for impacts due to unseasonable weather.
- A data quality objectives (DQO) process and sampling and analysis plan (SAP) are not required for FY01 selected stabilizations; no waste designation sampling required.
- Onsite borrow pits will be available to obtain fill material to cover contaminated areas for stabilizations. Gravel will be purchased. A small amount of fill will be obtained from onsite borrow pits.
- No new RARA sites will be assigned to the ERC in FY01; however, expansion of a RARA site by 10% is not included as a new item.
- No sampling is required for stabilizations.
- No Unreviewed Safety Questions (USQ) is required for any of the stabilizations.
- There will be no impact due to the National Monument designation.
- There will be no impact due to emerging or new RadCon program requirements.

RARA INTERIM STABILIZATION **PJ1401**

1.4.10.1.2.05.01.01.01.34.01

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	02	Waste disposal and Miscellaneous support
Fluor Hanford	03	Waste disposal and Miscellaneous support

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment Usage	00	01	Equipment (pool) costs for surveillance and maintenance (S&M) activities (i.e., earthmoving equipment)
Equipment Usage	01	02	Equipment (pool) costs for surveillance and maintenance (S&M) activities (i.e., earthmoving equipment)
Equipment Usage	02	03	Equipment (pool) costs for surveillance and maintenance (S&M) activities (i.e., earthmoving equipment)

S&M/HERBICIDE APPLICATIONS **PJ1402**
1.4.10.1.2.05.01.01.01.34.02

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach/John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

Manage, maintain, and control inactive outdoor waste sites and 11 (RARA) of 18 inactive treatment, storage, and disposal (TSD) units (approximately 1,620 total hectares [4,000 total acres]) assigned to the S/M&T Project. Activities include performing basic S&M of inactive outdoor waste sites, radiological controls problem response, upgrades to posting signs and barricades, performing corrective and preventive maintenance, and preventing intrusive weed growth. Periodically load-test specified inactive burial grounds to identify potential for cave-in. These activities will be required until final remediation is complete.

Herbicide application includes labor, material, and subcontracts to conduct an aggressive weed control program on RARA inactive outdoor sites. Due to climate and soil conditions at the Hanford Site, disturbed soils are highly susceptible to deep-rooted annual weed growth (such as tumbleweeds). To prevent contamination uptake through the root system, and spreading when the plant dies, it is imperative that these weeds are controlled through the application of appropriate herbicides. Spring, fall, and selective applications are used to maintain growth control.

TASKS TO BE PERFORMED IN FY 2001:

- Quarterly surveillances for RARA TSD units (216-A-29 ditch, 216-A-10 crib, 216-A-36B crib, 216-A-37-1 crib, 216-B-3 main pond and ditch, 216-S-10 pond and ditch, 216-U-12 crib, 1301-N Liquid Waste Disposal Facility, and 216-B-63 trench).

- Surveillances (quarterly, semi-annual, 5-year) of the 200/600 Areas for stable site conditions (includes unplanned release [UPR] sites).

- 100 Area semi-annual or 5-year surveillances for stable site conditions.

- Annual check of areas to monitor for any spread of contamination.

- Herbicide and pesticide application in fall and spring, along with managed selected sites.
  - 100 and 200 Area residual herbicide application for RARA and IFSM ~385 hectares (950 acres).
  - 200/300/600 Area vegetated ~1,114 hectares (2,750 acres).

- Routine waste site maintenance; spring (8.1 hectares [20 acres]) and fall (24.3 hectares [60 acres]) revegetation areas; load-test of specified underground burial areas; tumbleweed removal.

- Confined space walkdowns and re-posting (if necessary).

- Preparation and issuance of the annual RARA report for FY00.

- Annual radiological surveys and vegetation control of unplanned release sites in the rail bed associated with several miles of railroad track in the 200 East Area (per "Annual Railroad Radiological Surveys," letter dated March 17, 1999, CCN 067263).

TASKS TO BE PERFORMED IN FY 2002:

Resources are based on FY01 levels.

TASKS TO BE PERFORMED IN FY 2003:

Resources are based on FY02 levels.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• Routine – Rad Surveys – Quarterly	09/28/01
• Complete revegetation program	09/28/01
• Complete herbicide application program	09/28/01
• Prepare RARA Annual Report for FY00	01/30/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

- The herbicide application estimate is based on FY00 actual awarded amount (to Waste Management), plus added acreage.

- Subcontract herbicide application to Waste Management Northwest and work order to Fluor Hanford for personnel and equipment.

- No sampling is required for the work scope in this cost account plan (CAP).

- There will be no impact on costs due to the National Monument designation.

- The FY00 range fire will not significantly increase herbicide costs in FY01.

- There are no significant burial costs assumed for the work scope in this CAP.

S&M/HERBICIDE APPLICATIONS

PJ1402
1.4.10.1.2.05.01.01.01.34.02

- The ERC will purchase herbicide materials.
- Completion of railroad radiological surveys and herbicide applications can be accomplished without removing the railroad tracks.
- Pest control will be performed by BHI facilities.
- Schedule durations assume that climatic conditions (wind, rain) for herbicide applications are similar to those experienced in FY00 (less than 10% delay due to wind/rain/snow).
- Bare ground materials will not be applied to the DR, F, and D Reactors due to interim safe storage (ISS) activities. Spot spraying will be performed on weekends during the growing season to prevent vegetative uptake of contaminants at these sites.
- 1325-N and 1324-N/NA are the responsibility of the Remedial Action and Waste Disposal Project.
- Plant forces will perform the work scope.
- Radiological inspection practices, permits, access, and disposal will remain unchanged from FY00.
- There will be no increase in costs due to emerging or new RadCon program requirements.
- S/M&T bare ground spraying will be approximately 445 hectares (1,100 acres), 384 hectares (950 acres) Phase I, 384 hectares (950 acres) Phase II, 182 hectares (450 acres) Phase III, and four times per year for mulberry trees.
- Environmental air monitoring or a notice of construction (NOC) is not required.
- B Plant herbicide spraying in FY01 is the responsibility of the SM&T Project for weed control, to prevent the spread of contamination.
- Storage of herbicides will be the responsibility of Duratek.
- No new waste sites that require FY01 activities will be transferred to the ERC.
- The herbicide application subcontractor will support scheduled application windows that will not create additional work to remove tumbleweeds if herbicide is applied too late.
- Resources are based on FY00 levels that reflect the waste site inventory at FY00 year-end.

S&M/HERBICIDE APPLICATIONS

PJ1402
1.4.10.1.2.05.01.01.01.34.02

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
Waste Management	01	FP	Herbicide application (includes work order to FH for labor and equipment)
Waste Management	02	FP	Herbicide application (includes work order to FH for labor and equipment)
Waste Management	03	FP	Herbicide application (includes work order to FH for labor and equipment)

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
See above		

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Waste site maintenance	01	Miscellaneous material, herbicides, supplies
Waste site maintenance	02	Miscellaneous material, herbicides, supplies
Waste site maintenance	03	Miscellaneous material, herbicides, supplies

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment usage	00	01	Equipment (pool) costs for S&M and herbicide activities
Equipment usage	01	02	Equipment (pool) costs for S&M and herbicide activities
Equipment usage	02	03	Equipment (pool) costs for S&M and herbicide activities

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach/John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The fundamental goal of 100 Area S&M activities (exclusive of the 100-N Area) is to ensure that risks to the environment and human health and safety, as posed by the radiological and hazardous materials inventory of inactive facilities and sites from DOE operations, are maintained at prescribed safe levels in a timely and cost-effective manner until they can be fully decommissioned. This program includes the annual surveillance of these facilities (105-C [outside only], H, KE/KW), routine maintenance actions that are on an as-needed basis, and other site-wide procedures that specify physical and security controls. All of these have the objective to minimize potential industrial and radiological hazards to the site worker and the general public.

Annual surveillance of the facilities includes the following:

- Visually assess structural and shielding integrity
- Monitor for roof leaks, spills, and animal intrusion
- Maintain external grounds to control or prevent contamination spread
- Protect the environment, the public, and workers from potential contamination releases.

TASKS TO BE PERFORMED IN FY 2001:

Surveillance and Maintenance:

- Perform surveillance and maintenance activities for the C (outside only), H, and KE/KW Reactors, and update the tracking database for risk assessment items.

- Perform facility maintenance including basic maintenance of utilities (i.e., re-lamping), and basic maintenance of physical security structures, including stairs, railing, walkways, doors, and minor repair of confinement.

- Perform routine housekeeping activities at the C (outside only), H, and KE/KW Reactors. This includes miscellaneous debris cleanup throughout the outdoor area adjacent to the facility, including contamination areas; housekeeping to reduce or remove biological concerns; eradication of biological pests; removal of small amounts of contamination that may be migrating in the facility; and the isolation of the source of the contamination spread.

- Perform surveillance of radioactive material storage areas (RMSA) and routine radiological surveys of areas to check sign and barrier postings as dictated by radiological safety procedures.

Preventive Maintenance:

- Perform equipment calibration testing, maintenance, and repair on operating equipment.
- Provide cold weather protection and freeze protection.
- Seal/remove passive vents identified in FY00.

TASKS TO BE PERFORMED IN FY 2002:

Same as FY01.

TASKS TO BE PERFORMED IN FY 2003:

Same as FY02 except internal inspection required into C Reactor (5 year).

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
RCT Routine Rad Surveys	09/28/01
Perform annual surveillance of the following reactors in FY01:	09/28/01
• 105-C exterior	
• 105-H	
• 105-KE	
• 105-KW	

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

- S&M task instructions will not need modification because of changes to authorization basis (reactor final hazards classification assumed to be radiological).

- Existing safety classification of S&M facilities will not change in FY01.

- Surveillance is to be annual, and only three work packages will be required for reactors (C, KE/KW, and H). No major non-routine maintenance activities are included.

- It is assumed that D, DR, and F Reactors will be funded by D&D Projects.
- Radiological surveys will be performed prior to reactor surveillances.
- No sampling activities will be required.
- No major repairs to reactors are assumed (i.e., breaker/switch gear repairs, structural roll-up doors, roofs).
- Septic/underground systems will only be monitored for surface subsidence.
- Tours to the C Reactor Area will be funded by others.
- Postings will not be changed in the area unless work (e.g., surveillances, maintenance, rad surveys) is being performed in the area.
- C Reactor Area will have a surveillance every 5 years (due in FY03); outside radiological surveys will be annual.
- Passive high-efficiency particulate air (HEPA) filters at C Reactor Area will not require vent and balance testing.
- No asbestos abatement is included in this CAP (see UE1102 for asbestos-related work).
- FY01 includes one drum per reactor of low-level waste (LLW) resulting from general housekeeping activities, with disposal as LLW in the burial grounds.
- Transuranic and high-level radioactive waste will not be generated or handled as part of routine S&M.
- 1720-K fire system maintenance is the responsibility of the FH contractor.
- Cost/schedule durations include a minor allowance for foreseeable changes (such as minimal craft bumping and absenteeism [less than 10%]).
- THI and Field Support functional oversight for department audits and procedure development will be charged to functional program management.

NOTE: Refer to UB1107 for B Reactor Museum.

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
TBD	01	FP	Miscellaneous waste disposal
TBD	02	FP	Miscellaneous waste disposal
TBD	03	FP	Miscellaneous waste disposal

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	01	Reactor waste management / disposal
Fluor Hanford	02	Reactor waste management / disposal
Fluor Hanford	03	Reactor waste management / disposal

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Miscellaneous material (padlocks, chain, wire, tools)	01	Routine maintenance
Miscellaneous material (padlocks, chain, wire, tools)	02	Routine maintenance
Miscellaneous material (padlocks, chain, wire, tools)	03	Routine maintenance

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment usage (i.e., forklift, truck, step van)	00	01	Routine maintenance
Equipment usage (i.e., forklift, truck, step van)	01	02	Routine maintenance
Equipment usage (i.e., forklift, truck, step van)	02	03	Routine maintenance

100 AREA RISK ASSESSMENT **UB1102**
1.4.10.1.2.05.01.02.01.41.02

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

In parallel with S&M, the risk assessment/corrective maintenance program performs vital corrective maintenance actions in the surplus facilities in order to establish and maintain the surplus facilities in a safe condition until the buildings are dismantled or released for other uses.

Risk assessment data commencing in FY00 is being tracked and reported in the S/M&T tracking database. The risk assessment/corrective maintenance activities required in FY01 and beyond are considered to exceed the scope of routine surveillance and maintenance. Examples of corrective maintenance activities/major repairs include electrical upgrades, fall protection upgrades, and roof repair or replacement. These activities limit risks to personnel and the environment by repairing/replacing the problem areas. Partial building isolation of hazardous areas also reduces risk by limiting the opportunities for humans to be in proximity of the risk areas, except for infrequent surveillances.

The fundamental goal of the 100 Area risk reduction program is to eliminate (or mitigate) the risks to the environment and human health and safety, as posed by the radiological and hazardous materials inventory and industrial hazards of these inactive facilities and sites from past DOE operations.

TASKS TO BE PERFORMED IN FY 2001:

- Perform asbestos abatement in selected areas on a level-of-effort basis.
- Seal exterior ductwork at the B Reactor. An AHERA inspection report will be required.
- Perform structural inspection for the 190-KW North expansion joint.

TASKS TO BE PERFORMED IN FY 2002:

- Tasks will be identified in the S&M tracking database.
- Resources are based on FY01 funding.

TASKS TO BE PERFORMED IN FY 2003:

- Tasks will be identified in the S&M tracking database.
- Resources are based on FY02 funding.

100 AREA RISK ASSESSMENT **UB1102**
1.4.10.1.2.05.01.02.01.41.02

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• Perform asbestos abatement (100 Areas)	09/28/01
• B Reactor ductwork sealing	09/28/01
• 195-KW expansion joint engineering analysis	04/30/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- Funding for modification to reactors (to comply with Russian/U.S. treaty monitoring) is not funded in this CAP.
- Cost/schedule durations do not include any allowance for impacts due to unseasonable weather (10%).
- It is assumed that cultural clearance is obtained or not required.
- The following is predicated on approval of the FY00 carryover request:
  - 105-B exterior duct sealing assumes State Historical Preservation Office (SHPO) and B Reactor Museum Association approval January 1, 2001.

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
TBD	01	FP	Asbestos abatement
TBD	02	FP	Asbestos abatement
TBD	03	FP	Asbestos abatement

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	01	Miscellaneous Task Support and waste removal
Fluor Hanford	02	Miscellaneous Task Support and waste removal
Fluor Hanford	03	Miscellaneous Task Support and waste removal
Fluor Hanford	01	Electrical support
Fluor Hanford	02	Electrical support
Fluor Hanford	03	Electrical support

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Material	01	Miscellaneous Task support (i.e., for 105-B seal exterior ductwork and asbestos abatement activities)
Material	02	Miscellaneous Task support (i.e., for asbestos abatement activities)
Material	03	Miscellaneous Task support (i.e., for asbestos abatement activities)

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment (i.e., crane, D-dozer, manlift, misc. equipment)	00	01	Miscellaneous Task support
Equipment (i.e., crane, D-dozer, manlift, misc. equipment)	01	02	Miscellaneous Task support
Equipment (i.e., crane, D-dozer, manlift, misc. equipment)	02	03	Miscellaneous Task support

B REACTOR MUSEUM **UB1107**
1.4.10.1.2.05.01.02.01.41.07

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Dru Butler**
DOE-RL:	**Chris Smith**
Project Engineer:	**Bob Egge**
Field Support:	**Ron Shuck**
QS & H:	**Dave Byers/Sammy Turney**
Project Controls:	**Pauline Mix**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Tom Marceau**
Rad Con	**Michelle Kovach/John Wiles**
DOE-RL:	**Dee Lloyd (Cultural)**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

B Reactor Museum Assessment

- The Historic Building Programmatic Agreement (PA) provides a streamlined framework that governs the management of all Manhattan Project and Cold War Era properties on the Hanford Site and guarantees that historic preservation and cleanup requirements are met.

- In 1995, BHI issued a report (BHI-00076) on the feasibility of converting B Reactor into a museum.

- In June 1999, a hazard assessment of B Reactor (BHI-01282) was issued to comply with Tri-Party Agreement Milestone M-93-04. This report documents the potential hazards that are present which could pose a threat to the environment and/or to individuals touring the building. The report also determines the feasibility of mitigating the hazards and makes recommendations regarding areas where public tour access should not be permitted.

- In June 2000, the Phase II Feasibility Assessment Report (BHI-01384) and the supplemental cost estimate for B Reactor (BHI-01385) was issued to comply with Tri-Party Agreement Milestone M-93-05. The Phase II report provides the detail engineering, definitive costs, and schedule for public and environmental safety improvements for the B Reactor current tour areas. The supplemental cost estimate provides for the mitigation of potential hazards in the B Reactor building areas outside of the current tour route. The Phase II report cost estimate, in conjunction with the supplemental cost estimates, provided cost for mitigation of potential hazard for the B Reactor building. No public involvement has been included in these reports.

- An engineering evaluation/cost analysis (EE/CA) and action memorandum will be completed in FY01. The EE/CA will evaluate "no action," "ISS," and "full hazard mitigation" alternatives. It will also address access controls around the facility (including waste sites) and exposure scenarios for radon. A public comment period will follow EPA approval of the EE/CA.

- The RL Site Preservation Officer and the RL Project Manager, in consultation with regulators, State Historic Preservation Officer, B Reactor Museum Association, and other interested parties, will be consulted regarding the needed work scope for the hazard assessment, preservation, and restoration of the B Reactor, and a long-range plan (LRP) will be prepared.

TASKS TO BE PERFORMED IN FY 2001:

(FY00 Carry Over)

- EE/CA and action memorandum with public involvement process.
- Public tours (8).
- Initiate LRP (end-state vision and phased plan to implement).
- Selective hazard mitigation before and following EE/CA alternative determination.

TASKS TO BE PERFORMED IN FY 2002:

- Selective hazard mitigation activities consistent with the alternative selected in the EE/CA and action memorandum.

- Complete long-range plan.

- Public tours (same level as FY01).

TASKS TO BE PERFORMED IN FY 2003:

- Selective hazard mitigation activities consistent with the alternative selected in the EE/CA and action memorandum (same scope of work at lower level of funding).

- Public tours.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• EE/CA	09/28/01
• Long-Range Plan (LRP)	11/30/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

- An EE/CA prepared in FY01 will select the alternative to mitigate the hazards identified in the Phase II Feasibility Assessment Report.

- The LRP will be completed by subcontract.

- Media tours are included in the BHI Office of External Affairs.
- Historic preservation entries and related tours are not included in this detailed work plan (DWP). Scope to enter and access B Reactor for historic preservation/inventory purposes is covered by BHI's Cultural and Historic Preservation group. (Twelve tours for historic/cultural purposes have been included for FY01.)
- Eight "Saturday" tours that are organized by RL are included in this scope of work.
- Completion of B Reactor duct sealing will be covered under UB1102.

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	02	DOE/RL Advisory Council Historical Preservation and Public Anniversary Event
Fluor Hanford	03	DOE/RL Advisory Council Historical Preservation and Public Anniversary Event

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Miscellaneous material	02	Selective hazards mitigation
Miscellaneous material	03	Selective hazards mitigation
Travel	02	Visit other reactors, interface with DOE, HAB, SHPO
Travel	03	Visit other reactors, interface with DOE, HAB, SHPO

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment usage	01	02	Current tour route upgrade
Equipment usage	02	03	Current tour route upgrade

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The fundamental goal of 100-N Area S&M activities is to ensure that risks to the environment, human health, and safety, as posted by the radiological and hazardous materials inventory of these inactive facilities and sites from past DOE operations, are maintained at prescribed safe levels in a timely and cost-effective manner until the facilities and sites can be fully decommissioned. This program includes annual surveillances and routine maintenance actions that are on an as-needed basis, and other site-wide procedures that specify physical and security controls. All of these must minimize potential industrial hazards to Hanford Site workers and the general public.

Annual surveillance of the facilities includes the following:

- Visually assess structural and shielding integrity
- Monitor for roof leaks, spills, and animal intrusions
- Maintain external grounds to control or prevent containment spread
- Monitor liquid levels for the C elevator pit and fission product trap sump monthly.

TASKS TO BE PERFORMED IN FY 2001:

Surveillance and Maintenance:

- Verify that ventilation zone 1 – 3 is isolated per design change notice (DCN).

- Perform surveillance and maintenance activities.

- Perform facility maintenance (this includes basic maintenance of structures, maintenance, and upgrade of utilities [i.e., relamping], maintenance of such physical security structures as stairs, railings, walkways, doors, and minor repair of confinement).

- Perform routine removal of potentially hazardous substances, as needed.

- Perform routine housekeeping activities. This includes any miscellaneous debris cleanup throughout the outdoor area adjacent to the facility, including contamination areas; housekeeping to reduce or remove biological concerns; eradication of biological pests; removal of small amounts of contamination that may be migrating in the facility; and the isolation of the source of the contamination spread.

- Perform minor asbestos spill cleanup and stabilization of deteriorated asbestos problem areas (estimate less than 50 linear feet).

- Monitor C elevator pit and fission product trap (FPT) level instrumentation.

- Start sealing any passive vents identified in FY00.

Preventive Maintenance:

- Perform equipment calibration, testing, maintenance, and repair on operating equipment.
- Provide cold weather protection.

Monitoring:

- Monitor C elevator pit and FPT liquid level.
- Verify that environmental monitoring is performed by FH.

TASKS TO BE PERFORMED IN FY 2002:

Same as FY01.

TASKS TO BE PERFORMED IN FY 2003:

Same as FY02.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• Near Field Monitoring	09/28/01
• Routine Rad Surveys	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

- The FY01 cost estimate is based on FY00 estimate at completion (EAC).

- Near-field monitoring (air and radiation emission in the air, vegetation, and soil) reporting (for the N Reactor Area) to the Department of Health will be performed by FH.
- Near-field monitoring costs are based on an estimate provided by BHI Regulatory Support. It is assumed that the administrative and technical support rates from Waste Management Northwest will remain unchanged.
- Maintenance cost and repairs for environmental air samplers will be performed by FH.
- Pest control will be the responsibility of the Office Services and Facilities group.
- It is assumed that no special conditions will be required for annual calibration of instruments of the C elevator pit and FPT.
- Rain/snow melt in the Emergency Dump Basin (EDB) basin liner will be left in place for evaporation. No costs are included for pumping and disposal. It is assumed that replacement of the EDB liner is not required, due to degradation. The tarp cover warrantee will remain in effect.
- No major repairs to structures or equipment are assumed. No repainting of facilities is required.
- Surveillances will be annual for facilities.
- It is assumed that no modifications are required for the C elevator pit and FPT level indicator.
- High radiation areas will not be entered for surveillances except for FPT entry to monitor evaporation.
- The authorization basis category for 100 N for S&M activities will remain radiological.
- No major asbestos abatement is included in this account for the 3-year DWP window.
- Transuranic and high-level radioactive waste will not be generated or handled as part of routine S&M.
- No sampling activities are required.
- Fire system maintenance by the FH contractor will no longer be required at the 100 N buildings.
- The 1330-N less-than-90-day pad is not the responsibility of S/M&T.
- No more than two entries will be made into the FPT to check for evaporation. No entries will be made into the C elevator pit.
- The FPT and C elevator pit area will not require any pumping, sampling, or water addition.
- No funding is included for 100 N spring vegetation control. If vegetation control is required, it will be funded by the Groundwater/Vadose Zone (GW/VZ) Integration Project.
- There will be no cost or schedule impacts due to emerging or new requirements because of changes to the RadCon program.

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
WMNW	01	FP	Near field monitoring
WMNW	02	FP	Near field monitoring
WMNW	03	FP	Near field monitoring

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	01	Near field monitoring and waste disposal
PNNL	01	Near field monitoring and waste disposal
Fluor Hanford	02	Near field monitoring and waste disposal
PNNL	02	Near field monitoring and waste disposal
Fluor Hanford	03	Near field monitoring and waste disposal
PNNL	03	Near field monitoring and waste disposal

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Miscellaneous material	01	Annual surveillance and maintenance support
Miscellaneous material	02	Annual surveillance and maintenance support
Miscellaneous material	03	Annual surveillance and maintenance support

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment usage (i.e., generator)	00	01	Surveillance support activities
Equipment usage (i.e., generator)	01	02	Surveillance support activities
Equipment usage (i.e., generator)	02	03	Surveillance support activities

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Rad Con	**Michelle Kovach**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The fundamental goal of 300 Areas S&M activities is to ensure that risk to the environment, human health, and safety, as posed by the radiological and hazardous materials inventory of two inactive facilities (308 Building and 308A Building) from DOE operations, are maintained at prescribed safe levels in a timely and cost-effective manner until the areas can be fully decommissioned. This program includes the periodic surveillance of these facilities, routine maintenance actions (calibrations/preventive maintenance), nonroutine maintenance actions on an as-needed basis, and implementation of other site-wide procedures that (1) specify physical and security controls, and (2) minimize potential industrial and radiological hazards to the site worker and the general public.

Implementation of the surveillance and maintenance activities in the contaminated inactive facilities, in accordance with applicable laws and regulations, is the responsibility of the S/M&T Project. Surveillance and maintenance requirements for DOE reactor, manufacturing, process, laboratory, and support facilities are driven primarily by their operational life cycles and corresponding safety basis.

TASKS TO BE PERFORMED IN FY 2001:

The purpose of the 300 Area S&M function for contaminated surplus facilities awaiting decommissioning is as follows:

- Ensure adequate containment of contamination.
- Provide physical safety and security controls.
- Maintain the facilities in a manner that will minimize potential hazards to the public and workers.
- Maintain systems/equipment that will be essential for D&D activities in a shutdown but standby/operational mode.
- Provide a mechanism for identification and compliance with applicable environmental, safety, health, safeguards, and security requirements.

- Start sealing passive vent sources identified in FY00.
- Perform minor maintenance on the 308 and 308-A facilities if required.

308 Activities: Semi-annual building and grounds surveillance - Semiannual limited radiological survey – Annual comprehensive radiological survey – Pre-tour radiological inspection – Fire suppression system support – Roof surveillance – Confined spaces surveillance – Preventive and routine maintenance and other S&M activities deemed necessary shall all comply with approved procedures.

TASKS TO BE PERFORMED IN FY 2002:

Same as FY01.

TASKS TO BE PERFORMED IN FY 2003:

Same as FY02.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• 308 Building semi-annual surveillance	12/13/00 and 06/13/00
• 300 Area S&M Routine Rad Survey Support	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- No legacy waste will need to be disposed of in FY01.
- Resource requirements are based on FY00 levels.
- The roof and structure require no repair.
- Postings will not be changed in the areas unless work is being performed in the area.
- Fire systems maintenance of the 308 Building by DynCorp is included.
- No modifications, repairs, or surveys will be required due to fire suppression system resulting from unplanned deluges.
- No asbestos abatement is required within the 3-year DWP window.
- Transuranic and high-level radioactive waste will not be generated or handled as part of routine S&M.
- No 300 Area facilities are assumed to be transitioned to S/M&T during the FY01-FY03 DWP window.

- No more than two fire watches will occur due to a malfunction of the fire suppression system.
- A beryllium (Be) survey will not be required. (Be sampling will be funded by others in order to release cranes).
- There will be no cost or schedule impacts due to emerging or new requirements due to changes in the RadCon program.

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	02	Fire system maintenance
Fluor Hanford	03	Fire system maintenance

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment usage	00	01	300 Area S&M maintenance support

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The fundamental goal of 200 Area S&M activities (exclusive of PUREX and B Plant) is to ensure that the risk to the environment, human health, and safety is maintained at prescribed safe levels until the areas can be fully decommissioned.

Implementation of the surveillance and maintenance activities in the contaminated inactive facilities, in accordance with applicable laws and regulations, is the responsibility of S&M Projects. Surveillance and maintenance requirements for DOE reactor, manufacturing, process laboratory, and support facilities are driven primarily by their authorization basis.

Surveillance of the facilities includes the following:

- Visually assess structural and shielding integrity
- Monitor for roof leaks, spills, and animal intrusions
- Maintain external grounds to control or prevent contamination spread
- Monitor important parameters
- Protect the environment, public, and workers from potential contamination releases.

The facilities include hot semi-works and minor buildings (215-C, 212-N/P/R, 276-C, CX-70/ 71/72 (TSD), 276-S-141/142 (TSD), REDOX (202-S, 211, 276, 291, 292, 293, 2710, 2711, 2715, 2718), 224-B, U Plant (221-U), 224-U/UA, 275-UR, 211-U, remote monitoring of C Reactor, B Plant, PUREX, REDOX, and U Plant at 271-U and 271-U less than 90-day, hazardous waste storage.

TASKS TO BE PERFORMED IN FY 2001:

Surveillance and Maintenance:

- Perform S&M of facility barriers and postings.

- Perform container management activities (repackaging, removal).

- Perform surveillance and maintenance of U Plant canyon in the second half of the fiscal year (see UE1103).

- Perform facility maintenance (includes basic maintenance of structures, maintenance of utilities [i.e., relamping], maintenance of physical security structures – stairs, railings, walkways, doors – and minor repair of confinement.)

- Perform routine removal of potentially hazardous substances.

- Perform routine housekeeping activities (tumbleweed removal and miscellaneous debris cleanup) throughout the outdoor area adjacent to the facility and contamination areas. Also included is housekeeping to reduce or remove biological concerns, eradicating biological pests, removal of small amounts of contamination that may be migrating in the facility, and the isolation of the source of the contamination spread.

- Continue to implement the requirements in the graded safety analysis reports (SAR) of the nuclear facilities (i.e., REDOX, U Plant, and 224-B).

- Start sealing of passive vent sources identified in FY00.

- Perform fan refurbishment (1) at U Plant or REDOX.

- Perform compressor refurbishment/replacement.

- Repair/replace the components of the remote monitoring system (RMS), including software, as necessary.

- Perform minor repair on U Plant, REDOX, and 212-N facilities.

- Perform third-party inspection of 271-U elevator and air receiver tank at 202-S.

Preventive Maintenance:

- Perform preventive maintenance activities on batteries, motors, emergency lights, compressors, and exhaust fans. Annual PM of 480V switch gear (291-U, 291-S – 5-year preventive maintenances [PM]), (271-U and 202-S – 3-year PMs due in FY01).

- Remove excess batteries from REDOX.

- Perform instrument calibration, loop checks, and testing.

- Perform DOS tests.

Monitoring:

- Perform air effluent stack monitoring, sample retrieval, and data review.
- Monitor certain key parameters in REDOX and U Plant through the use of the RMS.
- Monitor certain key parameters (temperature and sump level) for the C Reactor, B Plant, and PUREX at 271-U.

TASKS TO BE PERFORMED IN FY 2002:

- General S&M and preventive maintenance activities.
- Resources similar to FY01.

TASKS TO BE PERFORMED IN FY 2003:

- General S&M and preventive maintenance activities.
- Resources similar to FY02.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• Routine Rad Surveys for 200 Area, 224-B, REDOX, UO_3, and U Plant	09/28/01
• 224-B Annual Roof Inspection	10/04/00

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- No significant waste will need to be disposed of in FY01. Any waste removed is funded as level of effort (LOE).
- Sample analysis and reporting will be performed by FH for air effluent stack monitoring.
- No new 200 Area facilities are assumed to be transitioned to S/M&T in FY01, FY02, and FY03.
- The 224-B office area will be surveyed semi-annually per surveillance PMs. The 224-B Canyon area does not require surveillance.
- A high radiation area (HRA) will not be entered for surveillance.
- Surveillance frequencies will not increase.
- S&M task instructions will not need modification because of new changes to the authorization basis.

- 221-U canyon surveillance will be performed by CDI during the first half of FY01 (see UE1103).
- 271-U S&M will be funded by Facilities.
- S&M task instructions and radiation work permits (RWPs) will not need modification and there will be no cost impacts due to emerging and/or new changes in the RadCon Program or procedures. If modifications are required, they will be funded through a BCP.
- 233-S S&M will be funded by the 233-S project.
- Postings in the area will not be changed unless work is being performed in the area.
- Transuranic and high-level radioactive waste will not be generated (or handled) as part of routine S&M.
- The FY01 cost estimate is based on FY00 EAC.
- The elevator at 202-S has been taken out of service; therefore, no third-party elevator inspections will be required.
- Inspection frequency for hexone tanks is daily for nitrogen and monthly for system.
- Cost/schedule duration includes a minor allowance for foreseeable changes (such as minimal craft bumping, attrition, absenteeism less than 10%).

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
TBD	01	FP	Subcontract support for surveys, S&M activities and corrective actions
TBD	02	FP	Subcontract support for surveys, S&M activities and corrective actions
TBD	03	FP	Subcontract support for surveys, S&M activities and corrective actions

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	01	Vent and balance, 3rd party inspection, dewer bottles for 200 Area
Fluor Hanford	01	Fire system maintenance and testing
Fluor Hanford	01	Elevator inspections
Fluor Hanford	01	Fuel costs for backup diesel generator
Fluor Hanford	01	Electrical Utility support
Fluor Hanford	02	Vent and balance, 3rd party inspection, dewer bottles for 200 Area
Fluor Hanford	02	Fire system maintenance and testing
Fluor Hanford	02	Elevator inspections
Fluor Hanford	02	Fuel costs for backup diesel generator
Fluor Hanford	02	Electrical Utility support
Fluor Hanford	03	Vent and balance, 3rd party inspection, dewer bottles for 200 Area
Fluor Hanford	03	Fire system maintenance and testing
Fluor Hanford	03	Elevator inspections
Fluor Hanford	03	Fuel costs for backup diesel generator
Fluor Hanford	03	Electrical Utility support

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Miscellaneous Materials	01	Support for surveys, S&M activities, and corrective actions
Miscellaneous Materials	02	Support for surveys, S&M activities, and corrective actions
Miscellaneous Materials	03	Support for surveys, S&M activities, and corrective actions

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment usage	00	01	Support for surveys, S&M activities, and corrective actions
Equipment usage	01	02	Support for surveys, S&M activities, and corrective actions
Equipment usage	02	03	Support for surveys, S&M activities, and corrective actions

FACILITY TRANSITION **UE1102**
1.4.10.1.2.05.01.03.01.41.02

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Gary MacFarlan**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach/John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The objective of facility transition is to achieve safe, stable, and environmentally sound conditions for each facility that are suitable for an extended time period, and to achieve this objective as quickly and economically as possible. After transition (and pending final facility dismantlement), the facility is kept in a stable condition using a methodical S&M program. Specific criteria for the long-term activities associated with S&M requirements at each inactive facility are developed on a case-by-case basis during the facility transition phase. These criteria are developed through a graded approach, and are dependent on facility size, complexity, condition, and hazards present. The required facility condition at turnover into the Environmental Restoration Project is noted and guidance is developed, in cooperation with the facility operations management, regarding the preparation of facility systems and structures for turnover. Each facility condition specified for turnover is verified prior to final facility acceptance. The specified condition is a result of determining acceptance criteria, development of endpoint criteria, DOE review and approval of the endpoint criteria, and the verification that the endpoint criteria have been met. The actual transfer of the facility occurs through DOE-HQ, but is also coordinated under this work scope. Upon acceptance into the ER Project, the facility will be maintained by the S/M&T Project until the start of final decommissioning work.

TASKS TO BE PERFORMED IN FY 2001:

100 Area:

- Provide endpoint criteria development and verification for miscellaneous facilities currently managed by the BHI facilities program.

- Support transition of reactors from the ISS project to S&M.

TASKS TO BE PERFORMED IN FY 2002:

- **100 Area:** Support transition of reactors from the ISS Project to S&M.

- **200 Area:** Support endpoint development and verification of facilities and waste sites as identified.

FACILITY TRANSITION **UE1102**
1.4.10.1.2.05.01.03.01.41.02

- **300 Area:** Continue support of FFS facilities, 309 Facility, and PNNL facilities transition; continue to support 300 Area Revitalization Project as required.

- Transition planning – Continue scope from FY01.

TASKS TO BE PERFORMED IN FY 2003:

Same as FY02.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date

Not applicable.

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

- The estimate is based on the FY00 EAC.

- Facility list is based on input from FH and the 300 Area Baseline Plan from the 300 Area ACP Program Management Plan.

- No funding has been identified to support the 300 Area ACP.

- No new facilities will be transitioned to and/or from the ERC in FY01.

- DOE will fund some level of facility transition projects in FY02 and FY03.

- Facility and waste site transition internal to BHI will be coordinated through S/M&T.

- Remaining items (including roof repair) from the PUREX and B Plant memorandum of agreements will be separately funded by DOE in FY01. (See UE2101 and UE5101 for scope implementation.)

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Gary MacFarlan**
DOE-RL:	**John Sands**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The Canyon Disposition Initiative (CDI) was developed to assist in reaching a decision on the final disposition of the five chemical processing facilities (canyons) at the Hanford Site. The U Plant canyon facility is being studied as a pilot for all the canyons. In FY 1998 a DQO process with the regulators was conducted to determine the characterization required to fill in information gaps identified in the Phase I feasibility study. This resulted in a SAP defining the characterization work scope. This plan integrated a technology assessment for deployment during characterization. The remaining scope for the assessment phase consists of performing the characterization (with possible coordination of EM-50 proposals); performing engineering analysis for structural integrity and performance assessments; analyzing results and alternatives; and development of a proposed plan. The CDI is a highly visible project for stakeholders and the Tribal Nations, and efforts will continue to keep them involved as the CDI proceeds.

TASKS TO BE PERFORMED IN FY 2001:

Characterization

- Tank 5-6
- Miscellaneous equipment liquids/solids sampling.

CERCLA Process

- Phase III feasibility study with risk assessment
- Draft proposed plan.

Technology Input Areas

- Facility modification work defined in the feasibility study
- Operational support work for disposal alternatives.

200 AREA CANYON DISPOSITION INITIATIVE **UE1103**
1.4.10.1.2.05.01.03.01.41.03

TASKS TO BE PERFORMED IN (FY 2002):

- Document proposed plan/Record of Decision (ROD) summary.
- CERCLA Process
  - ROD support
  - Post-ROD documentation development.

TASKS TO BE PERFORMED IN FY 2003:

None.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• Finalize Phase III Feasibility Study	07/03/01
• Draft Proposed Plan Report	04/09/02

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ERC Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

General

- Aspects of a performance assessment (PA) will be part of the risk assessment, and a crosswalk will be submitted to DOE-HQ for approval.

- All FY00 fieldwork to support feasibility study/final decision was completed.
  - Tank 5-6 will be characterized during the first half of FY01 and incorporated into the feasibility study.

- All work scope is included within the current safety basis.

- The canyon crane will not require major repairs or safety upgrades (greater than $10K and/or crane down longer than 3 days) for the remainder of the CDI characterization efforts.

- The crane is required to complete the characterization of tank 5-6 and 5 liquid/solids samples from equipment.

- S&M activities for the first half of FY01 in the canyon will be covered by the CDI; all other S&M activities at U Plant will be covered in UE1101 "200 Area S&M."

- Response to the published engineering technology needs statements will not require in-field testing. Selection of barriers, sealants, and capping will be based on vendor information, literature searches, and/or laboratory testing.

- The crane operator will be available to support CDI.

- The cost/schedule duration does not include any allowance for impacts due to unseasonable weather or loss of craft from "site-wide bumping." The crane operator is a critical resource to the project.

- Preventive maintenance of the canyon crane will require monthly wire rope inspections, drum inspections, and annual inspections for mechanical and electrical items.

- Waste disposal will consist of materials directly related to characterization efforts and maintenance activities.

Proposed Plan and Feasibility Study

- The feasibility study will start while characterization of tank 5-6 and the five liquid/solid samples are obtained.

- The schedule will be subject to a 30-day review by regulators and DOE.

- Both the feasibility study and the proposed plan will be subcontracted.

Characterization of Tank 5-6 and Unknowns

- Radiation surveys will use standard radiation detection equipment.

- Assume that samples will be high radiation and will require analysis at 222-S.

- Assume the sample results can be obtained in 45 days and will not be bumped by other site priorities.

- The canyon crane will be available for tank 5-6 phase determination and all sampling.

- The visual inspection of tank 5-6 will be done by remote camera from the crane.

- Assume four layers will be identified in tank 5-6: layered as aqueous, organic, aqueous, and sludge. This will result in four samples and two quality control (QC) samples.

- Assume that a total of two unknown liquids and three unknown solids will be sampled.

- Assume that only cell 31 will need to be re-opened to obtain a sample. All other samples can be gathered without cell access.

200 AREA CANYON DISPOSITION INITIATIVE **UE1103**

1.4.10.1.2.05.01.03.01.41.03

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
TBD	01	FUP	Lab analysis, shipment, and documentation
Technical support	01	FP	Feasibility study
Technical support	01	FP	Proposed plan
Technical support	02	FP	Proposed Plan (Record of Decision)

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Sampling equipment	01	Sample collection and engineering analysis
Printing materials	02	Proposed Record of Decision

200 AREA RISK ASSESSMENT **UE1105**
1.4.10.1.2.05.01.03.01.41.05

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

In parallel with S&M, the risk assessment/corrective maintenance program performs previously identified vital corrective maintenance action in the surplus facilities in order to establish and maintain the surplus facilities in a safe condition until the buildings are dismantled or released for other uses.

Vital risk assessment data was gathered during extensive walkdowns and field interviews and used to develop risk-based analysis. Because of the extensive nature of risk identified in the analysis, the risk assessment/corrective maintenance activities required in FY01 and beyond are considered to be above the scope of routine surveillance and maintenance. Examples of corrective maintenance activities include electrical upgrades, fall protection upgrades, and roof repair or replacement. These activities limit risks to personnel and the environment by repairing/replacing the problem areas. Partial building isolation of hazardous areas also reduces risk by limiting the opportunities for personnel to be in proximity of the risk areas, except for infrequent surveillance.

The fundamental goal of the 200 Area risk reduction program is to eliminate or mitigate the risks to the environment and human health and safety, as posed by the radiological and hazardous materials inventory and industrial hazards of these inactive facilities and sites from past DOE operations.

TASKS TO BE PERFORMED IN FY 2001:

- Clean out "orphaned" chemicals/containers in 202-S, 293-S, 2710-S, 2711-S, 2904-S, and 292-S.
- Asbestos abatement at selected 200 Areas.
- Roof repairs at REDOX, U Plant, 212-N, and 212-R.
- Hexone tanks (276-S-141/142) stabilization activities.
  - Sampling of the hexone tanks in accordance with the DQO/SAP.
  - Preparation of the engineering evaluation for stabilization options.

200 AREA RISK ASSESSMENT **UE1105**
1.4.10.1.2.05.01.03.01.41.05

TASKS TO BE PERFORMED IN FY 2002:

- Tasks identified in the S&M tracking database.
- Resources based on FY01.
- Support B Plant roof repair (funded by others).
- Remove hoods from 212-N.
- Hexone stabilization.

TASKS TO BE PERFORMED IN FY 2003:

- Tasks identified in the S&M tracking database.
- Resources based on FY02.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• 200 Area Asbestos Abatement	04/25/01
• 212-N/212-R Roof Repair	05/25/01
• Hexone activities	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

- Asbestos abatement

  – Work will be subcontracted.

  – Work will be performed as a level of effort with budgeted funds.

  – Any DOE and regulatory approvals (DOH) required for this work will be obtained no later than February 28, 2001.

  – A modified DQO process is suitable for this work.

- Roof repairs

  – Work will be subcontracted.

  – No regulatory approvals are required.

  – Sampling of roof materials is not required.

- DQO/SAP/SAI are not required.

- Funds to repair the PUREX and B Plant Canyon roofs will be incremental and, as such, are in addition to project budget.

- Hexone

  Budget includes sampling and engineering evaluation of stabilization options only. Funding for implementation of stabilization will be incremental to project funds or initiated in 2002.

  - A maximum of 22 samples will be taken.
  - A safety evaluation will not be required.
  - A NOC exemption will be obtained or a NOC is not required.
  - All DOE and regulatory agency approvals for stabilization will be obtained by May 1, 2001.
  - No approvals are required to commence sampling activities.
  - DQO will be completed in FY00.

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
TBD	01	FUP	Sample Analysis
TBD	01	FP	Roof repair and asbestos abatement support
TBD	02	FUP	Sample Analysis
TBD	02	FP	Roof repair and asbestos abatement support
TBD	03	FUP	Sample Analysis
TBD	03	FP	Roof repair and asbestos abatement support

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	01	Waste disposal
Fluor Hanford	01	Burial records review / approval
Fluor Hanford	01	Hexone sampling task support
Fluor Hanford	02	See Subcontract Strategy above; work order task included in FY02 support
Fluor Hanford	03	See Subcontract Strategy above; work order task included in FY03 support

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Miscellaneous Material	01	212-N/212-R roof repair
Miscellaneous Material	01	Hexone Tank Sampling
Miscellaneous Material	02	Support of B Plant roof repair, hood removal from 212-N and hexone tank stabilization
Miscellaneous Material	03	Support of S&M activities

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Roof repair equipment	01	01	Equipment required for 212-N/212-R roof repairs
Sampling equipment	00	00	Equipment required for hexone tank sampling and characterization
Miscellaneous construction equipment	01	02	Risk mitigation
Miscellaneous construction equipment	02	03	Risk mitigation

NUCLEAR FACILITY SUPPORT **UE1106**
1.4.10.1.2.05.01.03.01.41.06

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Robert Egge**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach/John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

This CAP identifies costs attributed to supporting facilities with an Authorization Basis in an inactive facility mode including the updates to the Authorization Agreements on Nuclear Category 2 or greater facilities. Certain activities that (for cost effectiveness) lend themselves to consolidation into existing documents (rather than being done facility by facility) are included. Activities such as increased focus on configuration control; providing CONOPS mentoring support in radiological planning; job preparation and execution; the development of approved auditable safety analysis; preliminary hazard classifications screening of remaining nonradiological and nonnuclear facilities; the review and upgrade of S&M procedures associated with the safety authorization basis; enhancements to access control; the implementation of the Training Implementation Plan relative to nuclear facilities; and revising S&M project procedures (including the Project Manager Implementation Instructions) are included in this CAP.

TASKS TO BE PERFORMED IN FY 2001:

- Continue to support CONOPS for nuclear facilities in the areas described in the scoping statement. USQ and management of change (MOC) screens and work package reviews.
- Annual update to the REDOX SAR, including self-assessment.
- Annual update to the U Plant SAR, including self-assessment.
- Annual update to the 224-B SAR, including self-assessment.
- Assessment of compliance with N Area auditable safety analyses (ASA).
- Annual update to the 200 North Basis of Interim Operation (BIO).
- Update the PUREX BIO (no technical safety requirement [TSR] additions required).
- Safety evaluation for removal of transuranic materials from the 212-N high bay.

- Evaluate the B Plant SAR; prepare USQ evaluations of conditions identified in the 120-day compliance review.

- Provide support for hexone sampling activities (USQ) and stabilization evaluations.

TASKS TO BE PERFORMED IN FY 2002:

- Continue to support CONOPS for nuclear facilities in the areas described in scoping statements. USQ and MOC screens and work package reviews.

- Annual update to the PUREX BIO.

- Annual update to the REDOX SAR.

- Annual update to the U Plant SAR.

- Annual update to the B Plant SAR.

- Annual update to the 224-B SAR.

- Annual update to the Reactors ASA.

- Annual update to the Semi-Works ASA.

- Annual update to the 200 North BIO.

- Three annual SAR self-assessments (provided in SAR updates of REDOX, U Plant, and 224-B).

- Resources based on FY01.

TASKS TO BE PERFORMED IN FY 2003:

- Continue to support CONOPS for nuclear facilities in the areas described in scoping statements. USQ and MOC screens and work package reviews.

- Annual update to the PUREX BIO.

- Annual update to the REDOX SAR.

- Annual update to the U Plant SAR.

- Annual update to the B Plant SAR.

- Annual update to the 224-B SAR.

- Annual update to the N Area ASA.

- Annual update to the 200 North BIO.

- Three annual SAR self-assessments (provided in SAR updates of REDOX, U Plant, and 224-B).
- Resources based on FY02.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• PUREX BIO Update (includes annual USQ review)	09/28/01
• USQ annual review (letter to DOE-RL)	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- B Plant SAR Implementation will be performed within 120 days from receipt of the DOE letter transmitting the safety evaluation report (SER), after successful completion of duct repairs has been accomplished.
- B Plant SAR implementation will not require a re-write of the document; any deficiencies can be incorporated in the upcoming scheduled annual update.
- No evaluations will be required on 37 waste sites with highly fissionable material. (Surveillance and maintenance only; i.e., 618-10 and 618-11.)
- An Operational Readiness Review (ORR) is NOT required for S&M of transitioned nuclear facilities.
- No facilities will be transitioned in FY01.
- PUREX BIO/SER implementation will not require a re-write of the document; any deficiencies can be incorporated in the upcoming scheduled annual update of the BIO, which is valid until April 2001.
- Self-assessments required by TSR (REDOX, U Plant, and 224-B) are performed preparatory to annual updates.
- As-built drawing updates for nuclear facilities are required (0.5 FTE drafting support).
- A 100-N ASA update will consist of an assessment of compliance with ASA.
- Inactive miscellaneous underground storage tank (IMUST) work scope defined in the DQO will be performed under applicable safety and health (S&H) documents (i.e., health and safety plan [HASP], activity hazards analysis [AHA], and/or RWP).
- An annual review of the emergency preparedness hazard assessment will be performed in conjunction with the SAR or ASA updates.

- The 212-P high bay is not included in the 200-N SAR update, because it is a DynCorp building.
- Emergency preparedness support will be included in Program Management and will not use project personnel.
- No Necessary and Sufficient (N&S) cross-walks for nuclear facilities will be performed in FY01.
- No USQ evaluation is required on N&S standards until FY02.
- Resources are based on FY00.

General Nuclear and Radiological Safety Basis Document:

- Provide work package support, USQs, and MOCs (40 packages and 10 changes to routines).
- Initiate discovery reviews of nonconformance reports (NCR), deficiency reports, off normal reports, and occurrence reports (20 items).
- Review facility air permits and emergency preparedness hazard assessments to ensure compliance and consistency with facility authorization basis documents (10 items).
- No USQ evaluations (PUREX, REDOX, U Plant, and 224-B) on N&S standards are required until basis for standards and requirements are provided by functions (S&H and Engineering and Technologies). Basis is assumed to be defined in FY01. Changes to authorization basis expected to occur in FY02.

REDOX SAR Update:

- Update cut-off for USQs is June 30, 2001.
- Self-assessment (fulfills TSR requirement) is limited to all USQ evaluations from June 30, 2000 to June 30, 2001. Assessment will review the work documents for compliance with USQ requirements.
- Incorporates approved Safety Evaluations through June 30, 2001 (2 assumed).
- PR Cage stabilization and EF-8 shutdown is included in FY01 scope.
- The hexone closure plan will not be included in the work scope for the REDOX update. This will occur in FY02.
- No job-walk required for annual update. Project documentation is adequate for this update.

U Plant SAR Update:

- Update cut-off for USQs is June 30, 2001.
- Self-assessment (fulfills TSR requirement) is limited to all USQ evaluations from June 30, 2000 to June 30, 2001.

- Incorporates approved safety evaluations through June 30, 2001.
- Assumes that two simple USQs will be incorporated.

224-B SAR Update:

- The SAR requires review and updating. March 31, 2001 is the cut-off date for the update, as the SER was issued on April 6, 2000.
- The SAR/SER commitments will be reviewed and a self-assessment (fulfills TSR requirement) will be made to verify and/or update applicable commitments of the SAR/SER.
- All USQ evaluations since the SAR was issued will be reviewed for compliance with USQ requirements.
- The update will incorporate applicable USQ safety evaluations through March 31, 2001. Two USQ safety evaluations are assumed for incorporation into the SAR.

N Area ASA:

- Update of N Area ASAs is required by EDPI. Due to lack of funding in FY01, the update will consist of an assessment of compliance with the ASAs.
- The project team (i.e., design engineering, field engineering, radiological engineering, and field support) will review the applicable documents and identify areas/issue of potential change.
- The team will prepare a self-assessment of commitments of the revised ASA and BHI/project procedures to ensure that commitments have been fully implemented.

Reactors ASA Update:

- The ASA was updated late in FY00. Consequently, since the requirement for update is 18 months (EDPI 4.30-01), no update is required for FY01.

Semi-Works ASA Update:

- The last ASA update was made in FY00. Because the requirement for update is 18 months (EDPI 4.30-01), no update is required for FY01.

200-N BIO Update:

- FY00 included the update of all above-grade structures in 200 North Area excluding waste sites.
- No physical changes are planned for any of the 200 North buildings that require an update of the BIO.
- Prepare a self-assessment of BIO and SER commitments by review of safety basis and applicable BHI/project procedures.

- Transfer of the high-bay (212-P) from Fluor Hanford to BHI is assumed not to occur until after FY01, and this portion of the building will not be included in the update.

- A letter will be prepared providing the annual USQ summary and justifying the current revision. The cut-off date for the USQ summary is July 31, 2001.

212-N Waste Removal:

- A USQ safety evaluation is required to define the facility safety requirements for the removal of the suspect transuranic wastes from the 212-N high bay.

- Removal assumptions:

  - Vermiculite will be removed and disposed of at the Central Waste Complex.
  - Waste containers will be opened in confinement on site.
  - Characterization will determine waste designation.
  - Some/all of the contaminated equipment may be transuranic.

- A qualitative assessment of the potential hazard consequences and event likelihoods will be provided for the assessment.

- Changes to the fire hazards analysis (FHA) will be evaluated under the safety evaluation.

- As the removal scope is provided in the existing BIO and SER, the USQ can be issued under BHI authority.

PUREX BIO Update:

- The PUREX SER states (Executive Summary, page 3) that the BIO is valid for 2 years, after which it will be evaluated for adequacy. FY00 provides safety evaluation to the PUREX BIO. Also provide in FY00 is an assessment of all PUREX authorization basis commitments. Initial conclusions by the BHI project team indicates that the BIO, as amended by the USQ safety evaluations, provides an adequate basis for continued USQ management.

- Experience with the REDOX SAR upgrade (BIO format to SAR format) is not recommended because of the cost. A full SAR upgrade, as provided in the REDOX upgrade, could cost ~$120,000 more than the planned updating of the PUREX BIO.

- The PUREX BIO will be upgraded by incorporation of the applicable USQ safety evaluations that are completed by October 1, 2000.

- The PUREX BIO update will require BHI project and functional review. DOE approval is not required. The update will be provided under USQ authority.

- It is assumed that the administrative requirements as defined in the current PUREX authorization basis (SER and BIO), as amended by the applicable USQs, require no TSR additions.

B Plant SAR Update:

- FY00 funding provides for the assessment of SAR commitment 120 days after turnover of the B Plant heating, ventilation, and air conditioning (HVAC) and punch-list items.
- Also provided by FY00 funding is identification of potential discrepancies and inadequacies of the B Plant Authorization Basis (AB). Specific safety evaluations will be defined that require additional analysis (similar to PUREX approach) (six safety evaluations assumed).
- FY01 will provide for USQ safety evaluation of issues identified in FY00. Basis assumed to be similar as PUREX. Assume that six safety evaluations are required.
- Field surveillance records from FY00 by BHI and occurrence reports of FY00 will be evaluated for the potential update requirements.
- Regulatory documentation (e.g., air quality documentation, waste permits) will be completed in FY00.
- Update of the SAR will be performed in FY02.

Hexone Tank Stabilization Activities:

- Prepare a USQ for sampling hexone storage tanks. Preparation of the sampling work package and sampling costs are included in UE1105.
- Provide support in defining requirements to be included and addressed in hexone storage tank stabilization alternatives evaluation. Preparation of the alternatives evaluation is included in UE1105.

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
TBD	01	FP	SAR Updates – B Plant
TBD	01	FP	PUREX BIO Update - USQ support

RISK REDUCTION PLANNING **UE1108**
1.4.10.1.2.05.01.03.01.41.08

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Robert Egge**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**Michelle Kovach/John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The fundamental goal of this risk reduction program is to assess and initiate the engineering tasks to prepare the necessary documentation to mitigate the risks to the environment, human health, and safety, as posed by the radiological and hazardous materials inventory and industrial hazards of these inactive facilities and sites from past DOE operations. This information will be used to formulate an integrated plan that minimizes or eliminates identified hazards through the UE1105 or UB1102 risk assessment corrective action cost account.

Assessments of risks will be performed in each of the buildings in the S&M program through the evaluation of hazards recorded in the risk database (and other sources). Activities such as the chemical vulnerability assessment, and recently discovered hazards or risks, are examples that are performed to establish the outyear funding requirements and relative risk potentials.

TASKS TO BE PERFORMED IN FY 2001:

- Provide scope, cost, schedule, and planning input for the identification of risk activities that can be prioritized and included in the risk reduction cost accounts.
- Develop strategies to support S&M and define/publish a LRP document.
- Develop inactive miscellaneous underground storage tank (IMUST) conceptual design for sampling 241-U-361.
- Develop an engineering plan for disposition of waste materials that are stored in the 212-N high bay.

TASKS TO BE PERFORMED IN FY 2002:

- Provide scope, cost, schedule, and planning input for the identification of risk activities.
- Begin implementation of strategies to support S&M as defined in the long-range goals and objectives study.

- Provide estimates for funding on outyear risk assessment activities, and the relation risk rankings.
- Perform gas sampling of IMUST 241-U-361.
- Remove/characterize/dispose stored waste in 212-N.

TASKS TO BE PERFORMED IN FY 2003:

- Provide scope, cost, schedule, and planning input for the identification of risk activities.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
• Develop IMUST Interim Storage Strategy and cost estimate	01/31/01
• Publish a Long Range Planning document	08/01/01
• Develop 212-N Waste Removal Plan	07/31/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- Hexone tanks will not be a risk safety item; the nitrogen blanket is satisfactory until a disposition alternative has been selected and implemented.
- Any newly transitioned facilities will not have additional hazards identified because they have recently completed deactivation. They will only require an overview, and no in-depth evaluation is planned.
- No sludge sampling of the IMUSTs is required in order to confirm historical analysis performed to date. Sampling will be gas sampling limited to 241-U-361.

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
TBD	01	FP	Long Range Plan / Risk assessment
TBD	02	FP	Alternative solutions and management assessment support
TBD	03	FP	Alternative solutions and management assessment support

PUREX S&M **UE2101**
1.4.10.1.2.05.01.03.02.41.01

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The fundamental goal of the PUREX S&M activities is to ensure that risks to the environment, human health, and safety, as posed by the radiological and hazardous materials inventory of these facilities and waste sites from past DOE operations, are maintained at safe levels until the areas can be fully decommissioned.

The PUREX facility consists of the main 202-A canyon building and approximately 40 other facilities, along with outside waste sites, including one TSD. S&M responsibilities of the facility include the following:

- Visually assess structural and shielding integrity.
- Monitor for roof leaks, spills, and animal intrusions.
- Maintain external grounds to control or prevent contamination spread.
- Monitor systems that support surveillances.
- Protect the environment, the public, and workers from potential contamination releases.

TASKS TO BE PERFORMED IN FY 2001:

Surveillance and Maintenance:

- Perform quarterly S&M of facility structures and TSD.
- Perform routine radiological surveillance of facilities and grounds.
- Perform preventive maintenance of system components (as required), such as fan belts, bearings, and sampling system components.
- Perform contamination cleanup/stabilization.
- Start sealing passive ventilation sources identified in FY00.
- Perform housekeeping activities, such as debris removal.

- SAMCONS system upgrade.
- Install bird netting on inlet ventilation ducting.

Preventive Maintenance:

- Perform preventive maintenance of systems required to support S&M containment integrity (such as fans, electrical, instrumentation).
- Calibrate instrumentation that supports surveillance (including log checks).
- SAMCONS/switch battery PM.
- Perform DOS test.

Monitoring:

- Annually update the facility effluent management plan (FEMP).
- Perform daily remote monitoring of the system and facility parameters (SAMCONS).
- Perform stack monitoring, sample retrieval, and data review.

Waste Site Surveillance and Maintenance:

- Periodically inspect waste site barriers (e.g., fences) and postings. Minor repair as required.
- Perform general inspection (e.g., radiation surveys, visual inspections) for and response to above-ground releases.
- Identify and correct potentially hazardous conditions (e.g., minor cave-ins, intrusions, erosion, or other conditions that could lead to a hazardous substance release or exposure if not addressed).

TASKS TO BE PERFORMED IN FY 2002:

Level of effort assumed similar to FY01.

TASKS TO BE PERFORMED IN FY 2003:

Level of effort assumed similar to FY02.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
Surveillance and Maintenance activities	09/28/01

PUREX S&M **UE2101**
1.4.10.1.2.05.01.03.02.41.01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- No significant waste will need to be disposed of in FY01.
- Stack monitoring sample analysis and reporting will be performed by FH.
- Tunnels and railroad cut stabilizations will remain the responsibility of the TSD permitee.
- The V-11-10 tank will not have to be pumped out.
- S&M task instructions or RWPs will not need modification and there will be no cost impacts because of new or emerging changes to the authorization basis, Rad protection program, or procedures. If modifications are required, they will be funded by BCP.
- Roof repair and BHI labor support and structural evaluation will be funded by DOE in FY01 (see UE1105, "200 Area Risk").
- A BIO is adequate for S&M authorization basis.
- No fan motor replacement will be included for FY01 (1 of 3 replaced in FY99).
- No major asbestos abatement will be required during the FY01-FY03 DWP window.
- Any and all punchlist items contained in the PUREX memorandum of understanding will be funded by DOE (roof repair and Part A Permit).
- No support to FH for access will be required.
- Transuranic and high-level radioactive waste will not be generated or handled as part of routine S&M.
- Postings will not be changed in the areas unless work is being performed in the area.

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	01	Vent and balance work; testing and maintenance of fire system
Fluor Hanford	02	Vent and balance work; testing and maintenance of fire system
Fluor Hanford	03	Vent and balance work; testing and maintenance of fire system

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
SAMSCON Upgrade	01	Routine Rad surveys
Miscellaneous material	01	S&M activities support
Miscellaneous material	02	S&M activities support
Miscellaneous material	03	S&M activities support

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Equipment Usage	00	01	S&M activities support
Equipment Usage	01	02	S&M activities support
Equipment Usage	02	03	S&M activities support

B PLANT S&M **UE5101**
1.4.10.1.2.05.01.03.05.41.01

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Bob Egge**
Field Support:	**Ron Shuck**
QS & H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other: Environ/Tech	**Chris Kemp**
Rad Con	**John Wiles**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The fundamental goal of the B Plant IFS&M activities is to ensure that risks to the environment, human health, and safety, as posed by the radiological and hazardous materials inventory of these building and waste sites from past DOE operations, are maintained at prescribed safe levels in a timely and cost-effective manner until the areas can be fully decommissioned. Surveillance and maintenance activities will consist of walkthroughs to check for indications of structural defects, roof deterioration, posting deficiencies, contamination migration and unidentified hazardous materials, hazardous conditions, unidentified friable asbestos, failed lights, and water/animal/insect intrusions measures to identify and address the B Plant facility conditions.

TASKS TO BE PERFORMED IN FY 2001:

Surveillance and Maintenance:

- Perform surveillance and maintenance of facility barriers, postings, and TSD.
- Identify and perform minor repair of damaged friable asbestos.
- Provide for equipment calibration, testing, and minor maintenance on operating equipment.
- Perform facility maintenance (includes basic maintenance of structures and utilities, maintenance of physical security structures – stairs, railings, walkways, doors – and minor repair of confinement).
- Perform general inspection for and response to spills.
- Perform routine removal of potentially hazardous substances.
- Start sealing passive ventilation sources identified in FY00.
- Perform annual roof inspection and structural analysis.
- Provide for final SAR implementation.

Preventive Maintenance:

- Inspect and lubricate exhaust fans and bearings.
- Provide cold weather protection.
- Calibrate instrumentation that supports surveillance.
- Perform DOS test.

Monitoring:

- SAMCONS.
- Remote monitoring of identified parameters.
- Stack monitoring, sample retrieval, and data review.

Waste Site Surveillance and Maintenance:

- Periodically inspect waste site barriers (e.g., fences) and postings. Repair or replace as required.

- Perform general inspection (e.g., radiation surveys, visual inspections) for and response to above-ground releases.

- Identify and correct potentially hazardous conditions (e.g., minor cave-ins, intrusions, erosion, or other conditions that could lead to a hazardous substance release or exposure if not addressed).

TASKS TO BE PERFORMED IN FY 2002:

- Same as FY01.
- Resources same as FY01.

TASKS TO BE PERFORMED IN FY 2003:

- Same as FY01.
- Resources same as FY01.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
Surveillance and Maintenance activities	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.

- Assumes that the SAR is 20% implemented in FY00.

- All B Plant deactivation endpoint criteria have been met.

- Stack sample analysis and reporting will be performed by FH.
- An NDA for the B Plant retired filter vent will not be required quarterly.
- The B Plant vent system will be transitioned to ERC no later than FY00 end.
- All punchlist items (except roof repair) will be completed by July 31, 2000.
- Roof repair costs will be provided by DOE and are not included in the project budget (see UE1105).
- Transuranic and high-level radioactive waste will not be generated or handled as part of routine S&M.
- No engineered modifications to the facility are assumed to be required.
- Cost is based on the PUREX EAC (excluding costs related to V-11-10 pump out and SAMCONS support) from FY00 for FY01.
- No major repairs will be required (e.g., fans or motors).
- No asbestos abatement is required during the FY01-FY03 DWP window.
- Postings will not be changed in the areas unless work is being performed in the area.
- Procedures will be reviewed and verified in FY00 and will not require modification in FY01 because of discovered conditions, changes to the Rad Con program, changes to procedures, or changes to AB documents. If modifications are required, they will be funded by BCP.
- There will be no cost impacts due to emerging or new requirements because of changes to the RadCon program.
- The vent system will not require repair or modification per FH warranty, or HEPA filter changes in FY01-FY02.
- Assumes that B Plant NDA for retired filters will only be required annually.

SUBCONTRACT STRATEGY (i.e., office trailer setup, tp&l.) List major subcontracts and scope including fiscal year and type (FP or FUP).

Subcontract	FY	Type of Contract	Scope
Technical support	02	FP	Roof inspection – offsite support
Technical support	03	FP	Roof inspection – offsite support

WORK ORDERS (i.e., work to be performed by FDH or Hanford Utilities Group.) List major work orders including fiscal year.

Company	FY	Scope
Fluor Hanford	02	Vent and balance/NDA, miscellaneous waste disposal
Fluor Hanford	03	Vent and balance/NDA, miscellaneous waste disposal

B PLANT S&M

UE5101
1.4.10.1.2.05.01.03.05.41.01

MATERIAL/EQUIPMENT/OTHER DIRECT COST REQUIREMENTS (Identify purchase items or other direct costs and assumptions.)

Description	FY	Scope
Miscellaneous materials (i.e., fan motor/misc. material)	01	Routine S&M of B Plant
Miscellaneous materials (i.e., fan motor/misc. material)	02	Routine S&M of B Plant
Miscellaneous materials (i.e., fan motor/misc. material)	03	Routine S&M of B Plant

CONSTRUCTION EQUIPMENT REQUIREMENTS & ASSUMPTIONS

Description	Usage Date		Comments/Assumptions
	FY Start	FY Finish	
Miscellaneous equipment	00	01	Routine S&M of B Plant
Miscellaneous equipment	01	02	Routine S&M of B Plant
Miscellaneous equipment	02	03	Routine S&M of B Plant

DESCRIPTION

OBJECTIVE

The objective of this effort is to perform S&M actions (as required) following remediation. The specific S&M activity to be performed is determined at the time of facility closure, final closure, final environmental remediation, and/or decommissioning.

TECHNICAL CONTENT

Post-remediation operation and maintenance (O&M) plans will be developed by each remedial action or decommissioning project following completion of remedial actions (as identified in the records of decision). Units that do not require remedial action or corrective measures, but do require S&M, will also develop O&M plans. These plans will be approved by the regulators and will be implemented by the S&M project. Until regulator approval is obtained for the O&M plans, scope and cost estimates have a high level of uncertainty.

WORK STATEMENT

The purpose of the SM&T Project is to ensure adequate containment of contamination; provide physical safety and security controls; maintain the inactive facilities in a manner that will minimize potential hazards to the public and workers; maintain systems/equipment that will be essential for S&M activities in a safe shutdown mode; and ensure compliance with applicable environmental, safety, health, and safeguards/security requirements.

Operable Unit(s): 300-FF-1, 300-FF-2, and 300-F-5

FY01

- Continue long-term post-remediation surveillance, monitoring, and site inspections for the 100, 300, and 1100 Areas.
- Prepare 5-year report for lead agency transmittal with results of CERCLA and RCRA impacts.

Refer to the individual ER07 scoping statements for planned work scope detail.

FY02

- Continue long-term post-remediation surveillance and monitoring.

FY03

- Continue long-term post-remediation surveillance and monitoring.

ASSUMPTIONS

- Long-term post-remediation surveillance and monitoring will continue.
- Specific S&M requirements will be determined at time of facility closure, final closure, final environmental remediation, and/or decommissioning.
- Groundwater monitoring will continue to be performed by the GW/VZ Integration Project until documented turnover to the SM&T Project.

Prepared By:	P.D. Mix
ERC Project Manager:	J.J. McGuire
DOE Project Manager:	J. P. Sands

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

1.4.10.1.4.07 ER07 Environmental Restoration Long Term Surveillance and Maintenance
1.4.10.1.4.07.01 Post Remediation Surveillance and Maintenance

1.4.10.1.4.07.01.01 SM Post Surveillance and Maintenance

1.4.10.1.4.07.01.01.01 SM1 100 Area S&M

1.4.10.1.4.07.01.01.01.45 SM15 100 Area S&M Landlord

1.4.10.1.4.07.01.01.01.45.01 SM1501 100 Area Long Term S&M

R10HR1 183-H S&M
R10HR1MW13 SAMPLING/MONITORING

R116C1 116-C- 1 TRENCH
R116C1MW13 SAMPLING/MONITORING
R116C1YN90 PROJECT PLANNING, SCHEDULING & COST CONTROL

1.4.10.1.4.07.01.01.02 SM2 200 Area S&M

1.4.10.1.4.07.01.01.02.45 SM25 200 Area S&M Landlord

1.4.10.1.4.07.01.01.02.45.01 SM2501 200 Area Long Term S&M

R600NR 600 NRDW-NON RADIOACTIVE DANGEROUS WASTE LANDFILL
R600NRMW13 SAMPLING/MONITORING

1.4.10.1.4.07.01.01.03 SM3 300 Area S&M

1.4.10.1.4.07.01.01.03.45 SM35 300 Area S&M Landlord

1.4.10.1.4.07.01.01.03.45.01 SM3501 300 Area Long Term S&M

R300LT 300 AREA LT SURVEILLANCE & MAINTENANCE
R300LT2W1H REGULATORY SUPPORT ACTIVITY
R300LTMW13 SAMPLING/MONITORING
R300LTYN80 DETAILED WORK PLAN, MAP
R300LTYN90 PROJECT PLANNING, SCHEDULING & COST CONTROL

Surveillance/Maintenance and Transition Projects
CODE OF ACCOUNT STRUCTURE CHART

1.4.10.1.4.07.01.01.05 SM5 400/600/1100 Area S&M

1.4.10.1.4.07.01.01.05.45 SM55 400/600/1100 Area S&M Landlord

1.4.10.1.4.07.01.01.05.45.01 SM5501 400/600/1100 Area Long Term S&M

R110LT 1100 AREA LT SURVEILLANCE & MAINTENANCE

R110LT2W1H REGULATORY SUPPORT ACTIVITIES
R110LT2W21 SURVEILLANCE AND MAINTENANCE
R110LT2W22 MAINTENANCE
R110LTY110 MANAGEMENT
R110LTY120 SUPERVISION
R110LTY210 CONTRACT ADMINISTRATION
R110LTY220 ADMINISTRATIVE SUPPORT
R110LTY440 MANAGEMENT ASSESSMENT & SUPPORT
R110LTY4A0 FIELD ENGINEERING
R110LTYF60 SAFETY ENGINEER
R110LTYFB0 QUALITY PROGRAM
R110LTYH10 STAFF/SAFETY MEETINGS/SAFETY COMMITTEE / ON-SITE
R110LTYH80 DOE SPECIAL INFORMATION REQUESTS / BUDGET EXCERCISES.
R110LTYN70 BASELINE MANAGEMENT & CHANGE CONTROL
R110LTYN80 DETAILED WORK PLAN, MAP
R110LTYN90 PROJECT PLANNING, SCHEDULING & COST CONTROL
R110LTYNA0 PROJECT ESTIMATES & VALIDATIONS
R110LTYND0 PROJECT STAFF REPORTS, REVIEW, PRESENTATIONS

RALELT ARID LAND ECOLOGY

RALELTMW13 SAMPLING/MONITORING
RALELTYN90 PROJECT PLANNING, SCHEDULING & COST CONTROL

RHRLLT HORN RAPIDS LANDFILL

RHRLLTMW13 SAMPLING/MONITORING

RNSMLT NORTH SLOPE

RNSMLTMW13 SAMPLING/MONITORING

WORK BREAKDOWN STRUCTURE INDEX

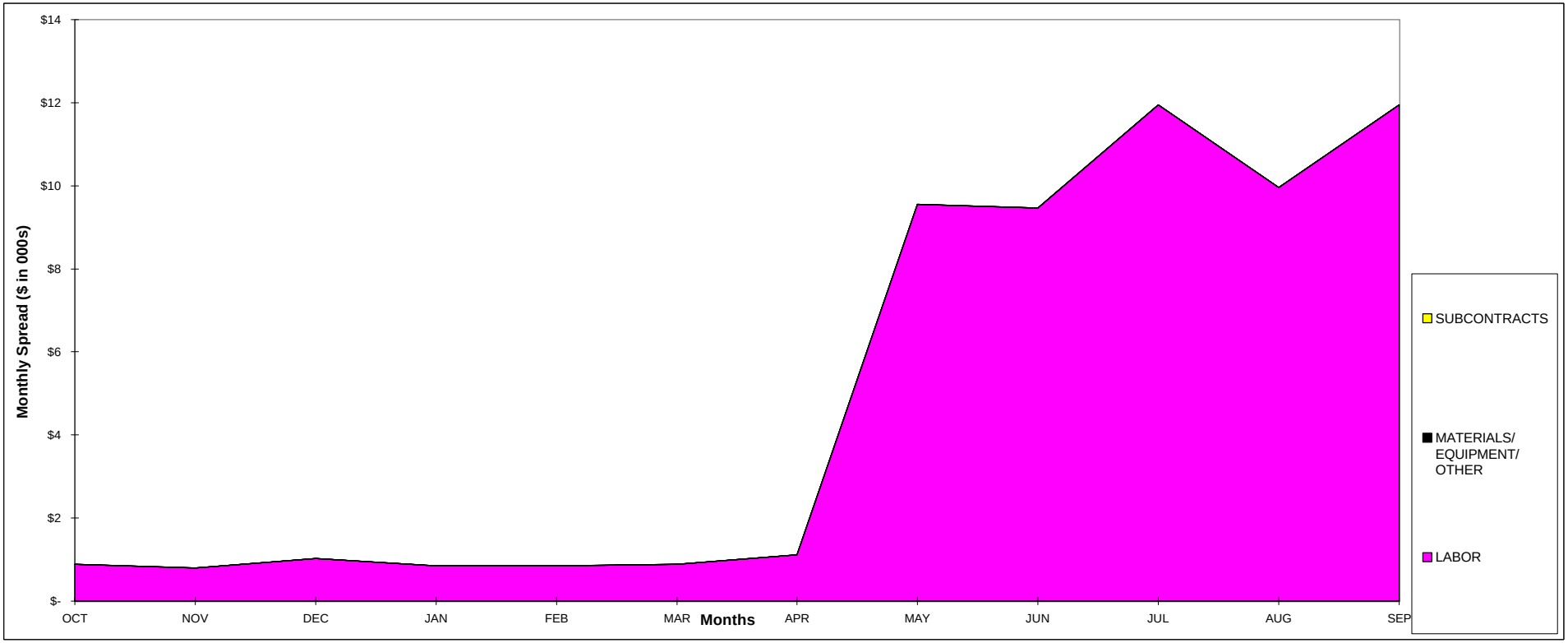
PBS	Indenture Level							Title	HQ/ERC WBS #	B&R #
	5	6	7	8	9	10	11			
RL-ER07		X						Environmental Restoration Long Term Surveillance and Maintenance	1.4.10.1.4.07	EW02J1070
RL-ER07			X					Post Remediation Surveillance and Maintenance	1.4.10.1.4.07.01	EW02J1070
RL-ER07				X				Post Surveillance and Maintenance	1.4.10.1.4.07.01.01	EW02J1070
RL-ER07					X			100 Area S&M	1.4.10.1.4.07.01.01.01	EW02J1070
RL-ER07						X		100 Area S&M Landlord	1.4.10.1.4.07.01.01.01.45	EW02J1070
RL-ER07							X	100 Area Long Term S&M	1.4.10.1.4.07.01.01.01.45.01	EW02J1070
RL-ER07					X			300 Area S&M	1.4.10.1.4.07.01.01.03	EW02J1070
RL-ER07						X		300 Area S&M Landlord	1.4.10.1.4.07.01.01.03.45	EW02J1070
RL-ER07							X	300 Area Long Term S&M	1.4.10.1.4.07.01.01.03.45.01	EW02J1070
RL-ER07					X			400/600/1100 Area S&M	1.4.10.1.4.07.01.01.05	EW02J1070
RL-ER07						X		400/600/1100 Area S&M Landlord	1.4.10.1.4.07.01.01.05.45	EW02J1070
RL-ER07							X	400/600/1100 Area Long Term S&M	1.4.10.1.4.07.01.01.05.45.01	EW02J1070

PBS BUDGET BASELINE TABLE

CA #	Description	HOURS			$1,000			
		Non Manual	Manual	Total	Labor	Material/ Eqpt/Other	SC	Total
		FY 2001						
SM1501	100 Area Long Term S&M	288		288	24	0	0	24
	Subtotal 100 Area S&M	**288**		**288**	**24**	**0**	**0**	**24**
SM3501	300 Area Long Term S&M	108		108	9	0	0	9
	Subtotal 300 Area S&M	**108**		**108**	**9**	**0**	**0**	**9**
SM5501	400/600/1100 Area Long Term S&M	291	44	335	26	0	0	26
	Subtotal 400/600/1100 Area S&M	**291**	**44**	**335**	**26**	**0**	**0**	**26**
	FY 2001 TOTAL	**687**	**44**	**731**	**59**	**0**	**0**	**59**
		FY 2002						
SM1501	100 Area Long Term S&M	238		238	21	0	0	21
	Subtotal 100 Area S&M	**238**		**238**	**21**	**0**	**0**	**21**
SM3501	300 Area Long Term S&M	59		59	5	0	0	5
	Subtotal 300 Area S&M	**59**		**59**	**5**	**0**	**0**	**5**
SM5501	400/600/1100 Area Long Term S&M	240	46	286	23	0	0	23
	Subtotal 400/600/1100 Area S&M	**240**	**46**	**286**	**23**	**0**	**0**	**23**
	FY 2002 TOTAL	**537**	**46**	**583**	**50**	**0**	**0**	**50**
		FY 2003						
SM1501	100 Area Long Term S&M	238		238	22	0	0	22
	Subtotal 100 Area S&M	**238**		**238**	**22**	**0**	**0**	**22**
SM3501	300 Area Long Term S&M	59		59	5	0	0	5
	Subtotal 300 Area S&M	**59**		**59**	**5**	**0**	**0**	**5**
SM5501	400/600/1100 Area Long Term S&M	240	46	286	24	0	0	24
	Subtotal 400/600/1100 Area S&M	**240**	**46**	**286**	**24**	**0**	**0**	**24**
	FY 2003 TOTAL	**537**	**46**	**584**	**51**	**0**	**0**	**51**

FY 2001 PBS BASELINE EXPENDITURE FORECAST

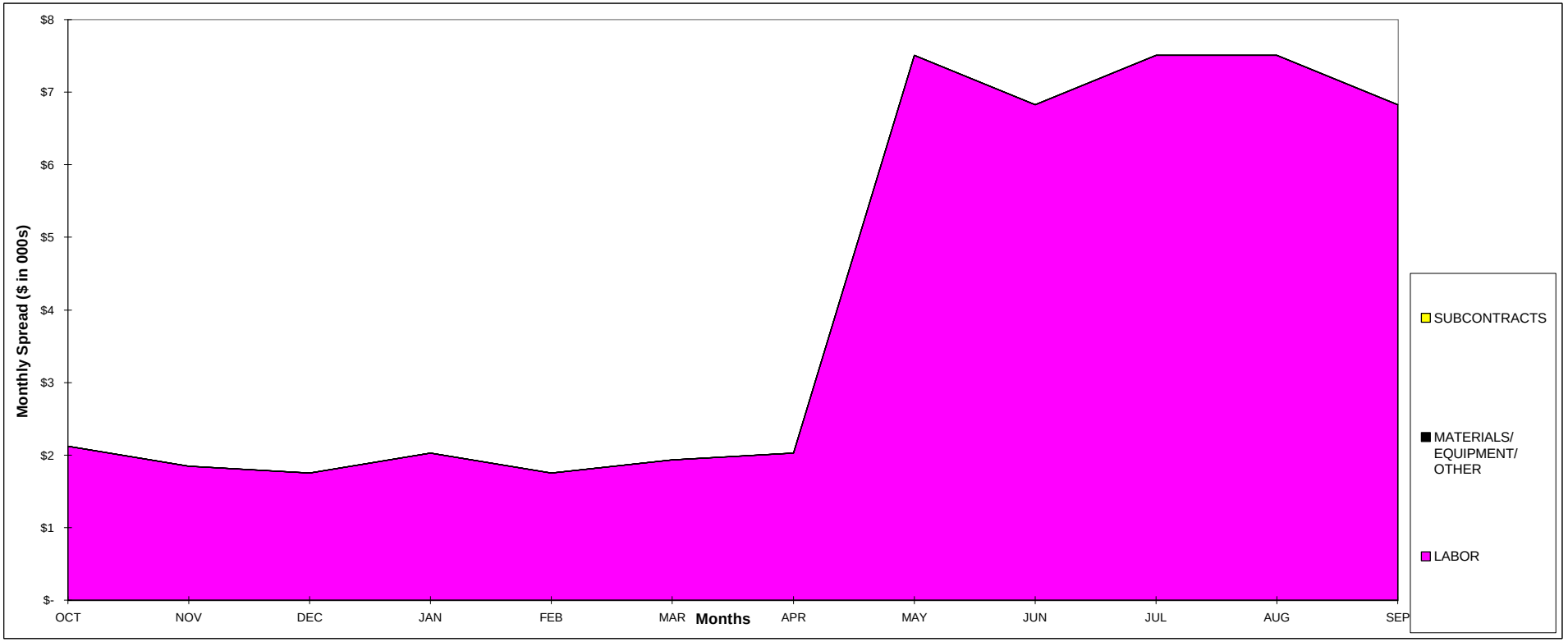
(Dollars in Thousands)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 10	$ 9	$ 12	$ 10	$ 12	$ 59
MATERIALS/ EQUIPMENT/ OTHER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBCONTRACTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BUDGET CURRENT	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 10	$ 9	$ 12	$ 10	$ 12	$ 59
BUDGET BASELINE (DWP)	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 10	$ 9	$ 12	$ 10	$ 12	$ 59
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 1	$ 10	$ 9	$ 12	$ 10	$ 12	$ 59
CUMULATIVE EAC	$ 1	$ 2	$ 3	$ 4	$ 4	$ 5	$ 6	$ 16	$ 25	$ 37	$ 47	**$ 59**	$ 59

FY 2002 PBS BASELINE EXPENDITURE FORECAST

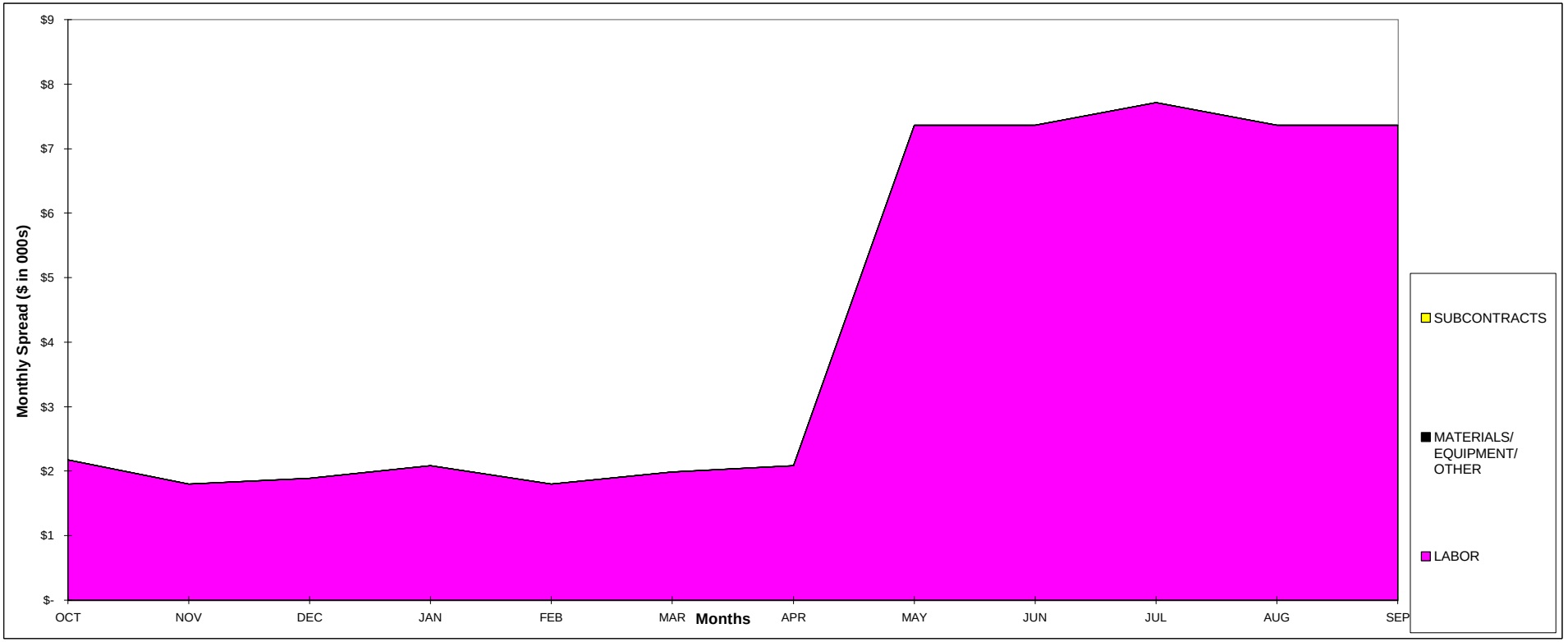
(Dollars in Thousands)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 8	$ 7	$ 8	$ 8	$ 7	$ 50
MATERIALS/ EQUIPMENT/ OTHER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBCONTRACTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BUDGET CURRENT	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 8	$ 7	$ 8	$ 8	$ 7	$ 50
BUDGET BASELINE (DWP)	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 8	$ 7	$ 8	$ 8	$ 7	$ 50
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 8	$ 7	$ 8	$ 8	$ 7	$ 50
CUMULATIVE EAC	$ 2	$ 4	$ 6	$ 8	$ 9	$ 11	$ 13	$ 21	$ 28	$ 35	$ 43	**$ 50**	$ 50

FY 2003 PBS BASELINE EXPENDITURE FORECAST

(Dollars in Thousands)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
LABOR	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 7	$ 7	$ 8	$ 7	$ 7	$ 51
MATERIALS/ EQUIPMENT/ OTHER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUBCONTRACTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
BUDGET CURRENT	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 7	$ 7	$ 8	$ 7	$ 7	$ 51
BUDGET BASELINE (DWP)	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 7	$ 7	$ 8	$ 7	$ 7	$ 51
ACTUALS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MONTHLYFORECAST	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 2	$ 7	$ 7	$ 8	$ 7	$ 7	$ 51
CUMULATIVE EAC	$ 2	$ 4	$ 6	$ 8	$ 10	$ 12	$ 14	$ 21	$ 29	$ 36	$ 44	**$ 51**	$ 51

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS&H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other:	**Chris Kemp**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The objective of this effort is to perform S&M actions (as required) following remediation. The specific S&M activity will be determined at the time of facility closure, final environmental remediation, and/or decommissioning.

Post-remediation O&M plans will be developed by each remedial action or decommissioning project following completion of remedial actions as identified in the ROD, RCRA, and CERCLA closures. These plans will be approved by the regulators and will be implemented by the S/M&T Project. Until regulator approval is obtained for the O&M plans, scope and scope estimates have a high level of uncertainty. Long-term environmental monitoring will be required for most OUs where waste was left in place. The project includes such activities as physical inspections and vegetation management. A copy of the annual report of monitoring results will be provided to RL and the Natural Resource Trustee Council.

TASKS TO BE PERFORMED IN FY 2001:

- Perform long-term monitoring and submit results at the following sites:
  - 116-C-1 and North Slope; 2-4, D site; and 183-H solar basins.
  - Prepare 5-year report for lead agency transmittal.

TASKS TO BE PERFORMED IN FY 2002:

- Long-term environmental monitoring data collection and data management in support of institutional controls (ICs) will continue for the 100 Areas. Data management work scope elements shall include review, management, and update of property records, inspection data, and walkdown information into the WIDS database.

- Resources will be the same as FY01. Revegetation will start in the H and D remediation areas.

TASKS TO BE PERFORMED IN FY 2003:

- Long-term environmental monitoring will continue for the 100 Areas.
- Resources will be the same as FY02.

100 AREA LONG TERM S&M **SM1501**
1.4.10.1.4.07.01.01.01.45.01

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
100 Area Vegetation Monitoring and Report	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- Estimate the level of effort.
- Groundwater monitoring will be performed by the Groundwater/Vadose Zone Integration Project.
- Until regulator approval is obtained for the O&M plans, scope and scope estimates have a high level of uncertainty.
- There will be no cost impacts due to emerging or new changes in the RadCon program.
- There will be no cost impacts due to the Hanford Site range fire or the National Monument designation.

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS&H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other:	**Chris Kemp**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The objective of this effort is to perform S&M actions (as required) following remediation. The specific S&M activity is determined at the time of facility closure, final environmental remediation, and/or decommissioning.

Post-remediation O&M plans will be developed by each remedial action or decommissioning project, following completion of remedial actions, as identified in the ROD. These plans will be approved by the regulators and implemented by the S/M&T Project. Until regulator approval is obtained for the O&M plans, scope and scope estimates have a high level of uncertainty. Long-term environmental monitoring will be required for most OUs. The project includes such activities as physical inspections and vegetation management. A copy of the annual monitoring results will be provided to RL and the Natural Resource Trustee Council.

TASKS TO BE PERFORMED IN FY 2001:

Long-term environmental monitoring will continue for the 300 Areas. Specifically, this will involve the 300-FF-1, –2, and -5 Operable Units, data collection and data management in support of institutional controls (ICs), and submission of results for CERCLA and RCRA impacts. Data management work scope elements shall include review, management, and update of property records, inspection data, and walkdown information into the WIDS database.

TASKS TO BE PERFORMED IN FY 2002:

Long-term environmental monitoring will continue for the 300 Areas.

TASKS TO BE PERFORMED IN FY 2003:

Long-term environmental monitoring will continue for the 300 Areas.

300 AREA LONG TERM S&M **SM3501**
1.4.10.1.4.07.01.01.03.45.01

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
300 Area Vegetation Monitoring and Report	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- Estimate the level of effort.
- Groundwater monitoring will be performed by the Groundwater/Vadose Zone Integration Project.
- Until regulator approval is obtained for the O&M plans, scope and scope estimates have a high level of uncertainty.
- There will be no cost impacts due to emerging or new requirements because of changes to the RadCon program.
- There will be no cost impacts due to the Hanford Site range fire or the National Monument designation.

1100 AREA LONG TERM S&M **SM5501**
1.4.10.1.4.07.01.01.05.45.01

COST ACCOUNT PLAN

KEY PROJECT TEAM MEMBERS

Task Lead (CAM):	**Rick Woods**
DOE-RL:	**Tom Ferns**
Project Engineer:	**Robert Egge**
Field Support:	**Ron Shuck**
QS&H:	**Sammy Turney**
Project Controls:	**Matt Sakach**
PSS Rep:	**Duane Jacques**
Other:	**Chris Kemp**

WORK DESCRIPTION (Provide general work description of facility/building.)

General Description:

The objective of this effort is to perform S&M actions (as required) following remediation. The specific S&M activity is determined at the time of facility closure, final environmental remediation, and/or decommissioning.

Post-remediation O&M plans will be developed by each remedial action or decommissioning project, following completion of remedial actions, as identified in the ROD. Horn Rapids Landfill asbestos cap and signs must be maintained. These plans will be approved by the regulators and implemented by the S/M&T Project. This action is included to ensure that criteria for final site restoration are reported to regulators and Natural Resource Trustee Council (NRTC). Therefore, vegetation monitoring activities that are ongoing at the Horn Rapids Landfill and restoration sites should be included in this scope description. Long-term environmental monitoring will be required for most OUs. The project includes such activities as physical inspections and vegetation management. Annual O&M reports will be prepared to report the results of data collection efforts. A copy of the annual report of monitoring results will be provided to RL and the NRTC.

TASKS TO BE PERFORMED IN FY 2001:

Long-term environmental monitoring will continue for the 1100 Areas (Horn Rapids Landfill). Monitoring includes surveying, compiling data, presenting information to the tribes and stakeholders, and providing copies of the report.

TASKS TO BE PERFORMED IN FY 2002:

Long-term environmental monitoring data collection and data management in support of institutional controls (ICs) will continue for the 1100 Areas. Data management work scope elements shall include review, management, and update of property records, inspection data, and walkdown information into the WIDS database.

1100 AREA LONG TERM S&M **SM5501**
1.4.10.1.4.07.01.01.05.45.01

TASKS TO BE PERFORMED IN FY 2003:

Long-term environmental monitoring data collection and data management in support of institutional controls (ICs) will continue for the 1100 Areas. Data management work scope elements shall include review, management, and update of property records, inspection data, and walkdown information into the WIDS database.

MAJOR PRODUCTS AND DELIVERABLES (Including Readiness Assessment, AHA, Characterization, Demolition, DQO, Milestones – *Tri-Party Agreement* and others.)

Deliverables	Date
1100 Area Site Inspection	09/28/01

BASIS/ASSUMPTIONS (Identify basis for estimate: i.e., MCASES, like facility, non-contaminated, etc. Also include key assumptions and constraints, including any spread of waste handling considerations.)

- No budget allowance has been included to support changes associated with Phase II Budget Update Guidance for the ER Baseline update. Guidance will not be available until September FY00. Upon receipt, a BCP, as appropriate, will be initiated and approved prior to commencing work activities.
- Groundwater monitoring will be performed by the Groundwater/Vadose Zone Integration Project.
- Until regulatory approval is obtained for the O&M plans, scope and scope estimates have a high level of uncertainty.
- There will be no cost impacts due to emerging or new requirements because of changes to the RadCon program.
- There will be no cost impacts due to the Hanford Site range fire or the National Monument designation.

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